DOCUMENT RESUME

ED 068 787 AC 012 902

AUTHOR	Mohler, Irvin C.; Bowers, Donald E.
TITLE	Training Directory of the Rehabilitation Research and Training Centers, 1972-1973.
INSTITUTION	George Washington Univ., Washington, D.C. Biological Sciences Communication Project.
SPONS AGENCY	Rehabilitation Services Administration (DHEW), Washington, D.C.
PUB DATE	Sep 72
NOTE	291p.
AVAILABLE FROM	Research and Training Centers Division, Social and Rehabilitation Service, DHEW, Room 5416 HEW-S, Washington, D.C. (free)
EDRS PRICE	MF-$0.65 HC-$9.87
DESCRIPTORS	Administrative Personnel; *Human Services; Practicums; *Professional Continuing Education; Professional Education; Professional Personnel; Program Descriptions; *Rehabilitation; Rehabilitation Centers; Rehabilitation Programs; Seminars; Short Courses; Trainees; *Training; Workshops

ABSTRACT

Courses, seminars, workshops, and practica offered by Rehabilitation Research and Training Centers during academic year 1972-73 are described in this directory. Programs are grouped by medical Research and Training Center and contain a brief description of the course's objectives, instructors, trainees for whom the course is intended, and schedule. A permuted title index is included, as is a list of the Research and Training Centers. (RS)

U S DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
OFFICE OF EDUCATION
THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION POSITION OR POLICY

ED 068787

TRAINING DIRECTORY
OF THE
REHABILITATION RESEARCH AND TRAINING CENTERS

1972-73

SOCIAL AND REHABILITATION SERVICE
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

WASHINGTON, D.C. 20201

FILMED FROM BEST AVAILABLE COPY

AC012902

1

The directory is a product of the Research and Training Center Information Exchange and Clearinghouse Program established with the Biological Sciences Communication Project of The George Washington University Medical Center in cooperation with the University Research and Training Center. Additional copies, free of charge, are available upon request by writing to the Research and Training Centers Division, Social and Rehabilitation Service, The Department of Health, Education, and Welfare, Room 5416 HEW-S, Washington, D.C.

ED 068787

TRAINING DIRECTORY of the REHABILITATION RESEARCH and TRAINING CENTERS 1972-1973

SOCIAL AND REHABILITATION SERVICE

John D. Twiname
Administrator

Richard M. Longmire
Associate Administrator for
Planning, Research, and Training

James F. Garrett, Ph.D.
Assistant Administrator for
Research and Demonstrations

Joseph Fenton, Ed.D.
Chief, Special Centers

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

September 1972

Prepared by Irvin C. Mohler and Donald E. Bowers, Biological Sciences Communication Project, The George Washington University Medical Center, in cooperation with The George Washington University Research and Training Center. Work supported by Grant SRS-16-P-56803/3-08, Social and Rehabilitation Service, U.S. Department of Health, Education, and Welfare.

GW BSCP 72-11P

INTRODUCTION

The *Training Directory of the Rehabilitation Research and Training Centers*—now in its third edition—has been prepared in response to the continuing need for dissemination of information concerning the training opportunities being made available by the Research and Training Centers to regional and state SRS government and community agency staff.

The Directory contains the descriptions of 479 courses, seminars, workshops, and practica being offered by the Centers during the academic year 1972-73. Programs are being grouped by Research and Training Center with a brief description of the objectives of the course, the instructors, the trainees for whom the course is intended, and the schedule for the course, i.e., whether short- or long-term and the number of hours and days. Also included is the name and address of the appropriate contact for further information concerning the course. Access to programs in various subject categories is provided by a permuted index.

The listings of the training programs in this publication reflect a partial fulfillment of the Centers' objectives to: incorporate rehabilitation education into all rehabilitation related University undergraduate and graduate curricula; conduct short- and long-term, in-service and continuing education; assist in training and increasing the number of professional and non-professional rehabilitation personnel and widely disseminate and promote utilization of new knowledge resulting from research findings.

During FY 1972 the medical rehabilitation R&T Centers conducted 901 long- and short-term training courses which were attended by 42,532 trainees—the vocational rehabilitation R&T Centers conducted 151 long- and short-term training courses which were attended by 5,175 trainees—the mental retardation rehabilitation R&T Centers conducted 50 long- and short-term training courses which were attended by 1,426 trainees—the deafness rehabilitation R&T Center conducted 14 long- and short-term training courses attended by 438 trainees. In all, the Centers conducted 1,116 long- and short-term training courses which were attended by 49,571 trainees, including physicians, rehabilitation counselors, physical therapists, occupational therapists, nurses, social workers, psychologists, teachers, and other rehabilitation and allied health personnel.

The R&T Centers, because of their unique synergistic structure, have fostered rapid translation of research findings into training programs by substantially reducing the time lag between the findings and their application into practice.

James F. Garrett, Ph.D.

Joseph Fenton, Ed.D.

CONTENTS

INTRODUCTION iii
RT-1 New York University Medical Center 1
RT-2 University of Minnesota 43
RT-3 University of Washington 51
RT-4 Baylor University 59
RT-6 Emory University. 75
RT-7 Tufts University 103
RT-8 Temple University 119
RT-9 The George Washington University 145
RT-10 University of Colorado 165
RT-11 University of Wisconsin 173
RT-13 University of Arkansas 179
RT-15 University of West Virginia 199
RT-16 University of Oregon 207
RT-17 New York University 211
RT-18 University of Southern California 219
RT-19 University of Alabama 227
RT-20 Northwestern University 249
RT-21 Texas Tech University 263
RT-22 University of Wisconsin-Stout 269
PERMUTED TITLE INDEX 271
RESEARCH AND TRAINING CENTERS 293

RT-1

New York University Medical Center

001 CLINICAL AFFILIATION PROGRAM FOR OCCUPATIONAL THERAPY STUDENTS

Instructor: Mercedes Abella, O.T.R.

For: Graduate and Undergraduate Occupational Therapy Students

Description and Objectives:

This program is offered as an internship to all schools of occupational therapy throughout the country interested in a clinical experience for the junior and senior occupational therapy student. It affords the B.S. and M.S. student a practical experience of treatment under supervision, concurrent with their theoretical information provided through the academic program.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 65 days; January 1972 to December 1973

For Registration or Additional Information write to:

Mercedes Abella, O.T.R.
Occupational Therapy
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

002 PARTICIPATION IN CONTINUING EDUCATION INSTITUTE OF REHABILITATION MEDICINE PROGRAMS

Instructors: Mercedes Abella, B.S.; Sophia K. Chiotelis, M.A.; Phyllis L. Palsgrove, B.S.; Liesl Friedmann, B.S.

For: Hospital Rehabilitation Personnel

Description and Objectives:

To educate medical, paramedical and other interested professions with the philosophy, treatment, methodology and techniques used in occupational therapy as an integral member of the rehabilitation team at the Institute of Rehabilitation Medicine.

To acquaint students with the goals of occupational therapy in order to educate them in choosing a health career.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 to 5 days; September 1972 to June 1973

For Registration or Additional Information write to:
Mercedes Abella, O.T.R.
Occupational Therapy
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

003 PRECLINICAL EXPERIENCE FOR OCCUPATIONAL THERAPY STUDENTS

Instructor: Mercedes Abella, B.S.

For: Graduate and Undergraduate Occupational Therapy Students

Description and Objectives:

The program is designed to provide the graduate and undergraduate student with a practical experience to mesh with the lectures/demonstrations given in class; to integrate these experiences so that the student understands the occupational therapy processes as they observe, practice, relate and evaluate treatment techniques in a clinical setting under direct supervision.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 6 days; April to May, February to March, September to October and November to December.

For Registration or Additional Information write to:
Mercedes Abella, O.T.R.
Occupational Therapy, Institute of Rehabilitation
400 East 34th Street
New York, New York 10016

004 INTRODUCTION TO PRINCIPLES OF REHABILITATION PSYCHOLOGY FOR HEALTH CAREER AND REHABILITATION PROFESSIONAL PERSONNEL

Instructors: Joan L. Bardach, Ph.D.; Leonard Diller, Ph.D.; Frank J. Padrone, Ph.D., Julian L. Brower, Ed.D.

For: Physicians, Nurses, Physical Therapists, Physical Therapy Aides, Occupational Therapists, Nurses Aides, Attendants and Licensed Practical Nurses

Description and Objectives:

The purpose of this course is to impart practical knowledge concerning intellectual and emotional assessment, the role of the helping person from the point of view of the patient, and the process of emotional adjustment to disability, in an effort to maximize the therapeutic usefulness of the various disciplines that comprise the rehabilitation team.

Maximum Enrollment: 169; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per day for 10 days; six week intervals through the year

For Registration or Additional Information write to:
Joan L. Bardach, Ph.D.
Chief, Psychology Department
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

005 TRAINING OF CLINICAL, COUNSELING, SCHOOL AND RESEARCH PSYCHOLOGISTS

Instructors: Joan L. Bardach, Ph.D.; Leonard Diller, Ph.D.; Julian L. Brower, Ed.D.; Justus M. Libowitz, Ph.D.; Frank J. Padrone, Ph.D.; Rosemary Haraguchi, Ph.D.; Meyer S. Siegel, M.A.; Helen Hanesian, Ed.D.; Wayne A. Gordon, M.A.; L. Stewart Olsen, Ph.D.

For: Undergraduate, Predoctoral and Postdoctoral Psychology Students

Description and Objectives:

The objectives of this course are to train psychologists in areas of particular need in rehabilitation. The predoctoral trainees were trained in evaluation procedures and treatment techniques for a broad range of psychological conditions occurring in a population of physically disabled individuals, including emotional problems, cognitive impairments and perceptual difficulties that can hinder academic education, vocational training and ability to find and hold a job.

Maximum Enrollment: 22; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 7 hours per day for 250 days; September 1972 to June 1973

For Registration or Additional Information write to:
Joan Bardach, Ph.D.
Chief, Psychology Department
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

006 MEDICAL STUDENT TRAINING IN ADVANCED NUCLEAR AND COMPUTER APPLICATIONS RELATED TO CEREBRAL LOCALIZATION OF BLOOD FLOW

Instructors: J.N. Barker, Ph.D.; J.J. Lim, Ph.D.

For: Medical Students, preferably with Premedical Engineering background

Description and Objectives:

On-the-job instruction in the Goldman Cerebrovascular Laboratory provides specialized training in advanced nuclear medical techniques and computer applications related to cerebral blood flow localization studies.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 4 hours per day for 104 days; September 1972 to June 1973

For Registration or Additional Information write to:
J.N. Barker, Ph.D.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

007 COOPERATIVE EDUCATION AND WORK PROGRAM

Instructors: Melanie Barron, B.A., Meyer S. Siegel, M.A.

For: Junior High School Students

Description and Objectives:

This program, initiated in 1968, has been a cooperative venture involving the Institute of Rehabilitation Medicine, New York University Medical Center and a public junior high school in the inner city. In September 1971, the content of the program was expanded and additional cooperating facilities added—the Metropolitan Museum of Art and several employers. One hundred ninth grade students participate in this satellite school, receiving their full educational program outside of the regular school building from a team of nine experienced teachers, four graduate student science interns and several student teachers. In addition, neighborhood resources personnel teach a variety of mini-courses and student aides provide tutoring.

The objectives of the program are: to develop an innovative, exciting educational model for junior high school students; to expose students to a range of rehabilitation and health service careers that may lead to increased interest in health career goals; to provide paid employment for economically disadvantaged students; to provide experiences and services that by improving motivation and raising aspiration levels will reduce this group's potential for dependency.

Maximum Enrollment: 100; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 7 hours per day for 200 days; September 1972 to June 1973

For Registration or Additional Information write to:
Meyer S. Siegel, M.A.
Vocational Rehabilitation
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

008 COURSE IN REHABILITATION OF PATIENTS WITH CHRONIC PULMONARY DISEASE AND WITH NEUROMUSCULAR DYSFUNCTION FOR PHYSIATRISTS AND OTHER PHYSICIANS

Instructors: E.H. Bergofsky, M.D.; Albert Haas, M.D.; Ramanada Sinha, M.D., Ph.D.; Immanuella Moss, M.D., Ph.D.

For: Physicians, Graduate Physical Therapists

Description and Objectives:

This course was designed as an advanced tutorial in the techniques of physical therapy and rehabilitation for patients with chronic lung disease such as: asthma, pulmonary emphysema and chronic bronchitis and also for the maintenance, therapy and care of patients with neuromuscular disease. Formal lectures in respiratory physiology, pulmonary anatomy, blood gas chemistry and general pathogenesis of these diseases was given, along with practical and individual demonstrations of pulmonary function techniques, analysis of status and inhalation therapy along with physical therapy.

Maximum Enrollment: 39; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 2 days; March 1972

For Registration or Additional Information write to:

E.H. Bergofsky, M.D.
Pulmonary Laboratories
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

009 RESPIRATORY PATHO-PHYSIOLOGY FOR PHYSICAL THERAPISTS

Instructor: Edward H. Bergofsky, M.D.

For: Undergraduate Medical Students, Graduate Students, Nurses, Physical Therapists

Description and Objectives:

To train physical therapists in various modalities applicable to patients with lung disease and other patients in the postoperative states (for retained pulmonary secretions); this training is in respiratory pathophysiology, mechanisms of breathing and cough and the other methods employed by physicians in the treatment of respiratory failure.

Also a course in the specific rehabilitation of patients with chronic bronchitis, pulmonary emphysema and bronchial asthma has been added.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day for 44 days; September 1972 to June 1973

For Registration or Additional Information write to:

E.H. Bergofsky, M.D.
Pulmonary Laboratories
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

010 IN-SERVICE CONTINUING EDUCATION, OCCUPATIONAL THERAPY DEPARTMENT

Instructor: Sophia K. Chiotelis, M.A.

For: Occupational Therapists, Nurses, Physical Therapists, Psychologists

Description and Objectives:

This education program is implemented in order to provide continuing education and professional growth and development to staff. The content of the program provides education through lectures, films, special projects, ongoing research and presentation of new methodology and techniques in the profession. The program is open to all rehabilitation personnel.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 44 days; September 1972 to June 1973

For Registration or Additional Information write to:

Sophia K. Chiotelis, M.A.
Occupational Therapy
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

011 ORIENTATION AND OBSERVATION TO OCCUPATIONAL THERAPY FOR REHABILITATION PROFESSIONALS

Instructors: Sophia K. Chiotelis, M.A.; Phyllis L. Palsgrove, B.S.; Mercedes Abella, B.S.; Liesl Friedmann, B.S.

For: Occupational Therapists, Nurses, Social Workers, Orthotists, Administrators, Physicians, Occupational Therapy Students, Educators, Speech Therapists, Other Students, Nurses Aides, Physical Therapists, Psychologists

Description and Objectives:

This project includes lectures, observation from one day to two weeks, and consultations to medical and paramedical personnel for the purpose of providing information related to the philosophy and practice of occupational therapy at the Institute of Rehabilitation Medicine. A second objective is to provide comprehensive but short-term assistance for establishing similar programs to administrators and doctors of other institutions.

Maximum Enrollment: --; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 to 14 days; January 1972 to December 1972

For Registration or Additional Information write to:

Sophia Chiotelis, M.A.
Occupational Therapy

Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

012 AFFILIATION PROGRAM FOR UNDERGRADUATE OCCUPATIONAL THERAPY STUDENTS

Instructors: Elizabeth Caramintzou, B.A.; Frances Corey, B.S.

For: Undergraduate Occupational Therapy Students

Description and Objectives:

Students come for three months, full time, as part of the required training for registry as occupational therapists. Students work directly with the patients, as "interns" under supervision of a registered therapist. Emphasis is on techniques of physical reconditioning in increasing range of motion, coordination, muscle strength and self-care in activities of daily living and homemaking with the use of adaptive equipment where needed. Intensive review and application of course material in anatomy, neuroanatomy, facilitation techniques and kinesiology are given. Students are expected to be competent to function as graduate therapists in treatment of any type of physical disability on completion of the period.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 6 days; September to November, December to February, March to May, June to August

For Registration or Additional Information write to:

Frances Corey, O.T.R., Chief of Division
Bellevue Hospital
28th Street & 1st Avenue
New York, New York

013 PRECLINICAL EXPERIENCE FOR OCCUPATIONAL THERAPY STUDENTS

Instructors: Frances Corey, B.S.; Elizabeth Carmintzou, B.S.

For: Preclinical Occupational Therapy Students

Description and Objectives:

Students come for short periods, usually 6 days, concurrent with academic courses in physical disabilities. The purpose is to acquaint students with the spectrum of physical disabilities being discussed in lecture materials, give them an opportunity to observe and to work with patients as fully as possible within their time and knowledge limitations, and to become aware of the procedures and methods of treatment in the physical disability area. A case study is usually required by the University assigning the student. A seminar involving the students, clinical instructor concludes the period, as a means of evaluating the program.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 6 days; semester to interval

For Registration or Additional Information write to:
Frances Corey, O.T.R., Chief of Division
Bellevue Hospital
28th & 1st Avenue
New York, New York

014 NEUROPSYCHOLOGY OF BEHAVIOR (Course E. 35.2001)

Instructor: Leonard Diller, Ph.D.

For: Graduate Students in Psychology, Education, Physical Therapists, Occupational Therapists, Speech

Description and Objectives:

A course offered at the graduate school of education for graduate students in education, psychology and allied health fields. It covers the following topics: relations of historical and current models of cognitive development, syndromes of central nervous system dysfunctioning in children and adults. Recent advances in the use of behavioral measures to detect neurological abnormalities and approaches to remediation.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 2 hours per day for 16 days; February to May

For Registration or Additional Information write to:
Leonard Diller, Ph.D.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

015 REMEDIAL TECHNIQUES FOR COGNITIVE AND PERCEPTUAL DIFFICULTIES IN BRAIN DAMAGED PERSONS

Instructors: Leonard Diller, Ph.D.; Joan L. Bardach, Ph.D.; Yehuda Ben-Yishay, Ph.D.; Robert Goodkin, Ph.D.; Joseph Weinberg, M.A.; Helen Hanesian, Ed.D.; Wayne Gordon, M.A.; Ian Mandleberg, B.S.; Paul Schulman, M.A.; Nandini Shah, M.A.

For: Psychologists, School Psychologists, Occupational Therapists, Language Pathologists, Rehabilitation Counselors, Dean — Psychology, Graduate Assistant, School of Education, Neuropsychological Technician, Neuropsychologist, Associate Professor of Psychology, SRS Representative, Registered Nurse, Teacher of Brain Damaged, Physical Therapist, Physiatrist, Teacher — Rehabilitation

Description and Objectives:

This course was designed to present some basic principles and techniques for the treatment of cognitive and perceptual problems of brain damaged people, with emphasis on adult patients; for psychologists, physicians, occupational therapists, speech therapists, and others. Content will be based on clinical experiences derived from intensive research conducted over the past decade at New York University Medical Center's Institute of Rehabilitation Medicine. The course included those new approaches and remediation that had been found clinically useful in the treatment of these heretofore refractory impairments.

Maximum Enrollment: 46; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 3 days; April 25 to April 27, 1973

For Registration or Additional Information write to:
Leonard Diller, Ph.D.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

016 CLINICAL ORIENTATION TO PHYSICAL THERAPY FOR REGISTERED NURSES

Instructors: Alice Eason, B.S.; Ann Goerdt, B.S.

For: Registered Nurses

Description and Objectives:

Basics in physical therapy; physical therapy in a chronic hospital; review of transfer activities for disabled patients; review of components of braces and prostheses and how to apply the appliances; nurses' roles in this aspect of the patient's rehabilitation; discussions and presentation of patients with various disabilities and appliances.

Objective: To familiarize nurses with the basics in physical therapy and practical application of orthopedic appliances in relation to patient treatment. To reinforce the patient's physical therapy training through the utilization of nursing personnel.

Maximum Enrollment: 170; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per day for 4 days; February 1972 to November 1972

For Registration or Additional Information write to:
Alice Eason, R.P.T.
Chief, Physical Therapy Service
Goldwater Memorial Hospital
Welfare Island, New York

017 LECTURE AND DEMONSTRATION COURSE IN THE USE OF ORTHOPEDIC APPLIANCES

Instructors: Alice Eason, B.S.; Ann Goerdt, B.S.; Carolyn P. Clarke, B.S.

For: Practical Nursing Students

Description and Objectives:

To familiarize nurses with the basics and practical application of braces and prostheses in relation to patient treatment on a rehabilitation program. To reinforce the patients' physical therapy training through the utilization of nursing personnel in the carryover of the patients' physical program on the ward.

Review of the components of braces and prostheses; disabilities of patients requiring braces; types of amputations; how to apply the appliances; nursing roles in this aspect of the patient's rehabilitation; discussions, presentation of patients utilizing both appliances.

Maximum Enrollment: 120; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1½ hours per day for 8 days; March 1973 to June 1973

For Registration or Additional Information write to:

Alice Eason, R.P.T.
Chief, Physical Therapy Service
Goldwater Memorial Hospital
Welfare Island, New York

018 PRACTICUM IN CLINICAL EDUCATION FOR PHYSICAL THERAPISTS

Instructors: Alice Eason, B.S.; Ann Goerdt, B.S.; Carolyn Clarke, B.S.; Emily Mays, B.S.; Barbara Goldsmith, B.S.

For: Physical Therapy Students

Description and Objectives:

Each student is given a period of orientation to the policy, routine and physical plan of the Service and the Rehabilitation Department. They are assigned a caseload under the supervision of a staff therapist and supervisor, responsible for writing of all reports and statistical data on their assigned patient, perform manual muscle tests, rotate to special areas of the Physical Therapy Service, attend and participate in all clinics and evaluations, present a case report on one patient and attend special lectures and observe treatment of their assigned patients by other disciplines.

Develop attitudes and abilities or skills appropriate to their academic level; gain an awareness of the concept of Rehabilitation in a Chronic Disease Hospital.

Maximum Enrollment: 21; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; hours per day and number of days vary; January 1973 to August 1973

For Registration or Additional Information write to:

Alice Eason, R.P.T.
Chief, Physical Therapy Service
Goldwater Memorial Hospital
Welfare Island, New York

019 CLINICAL AFFILIATION PROGRAM FOR PHYSICAL THERAPY STUDENTS

Instructors: Marguerite Fortmann, B.S.; Barbara Schad, B.S.; Martha Kruttwig, B.S.; Scharlyn Bolling, B.S.

For: Physical Therapy Students

Description and Objectives:

This program is designed to provide the student with a clinical setting in which the physical therapist practices his profession and is geared to prepare physical therapy students to function effectively in a clinical setting. It provides clinical training concurrent with theoretical classroom courses and is planned for four levels of students.

Clinical Training I. This phase is planned to orient the student to a hospital setting and rehabilitation medicine, and provides for patient contact, experience in medical terminology, and observation of various disabilities.

Clinical Training II. This phase provides observation and selective practice in therapeutic procedures.

Clinical Training III. This phase provides for observation, practice and evaluation of therapeutic procedure with provisions for oral and written communications with physicians and other members of the rehabilitation team.

Clinical Training IV. This phase provides the student with the opportunity of functioning as a staff member therapist.

Maximum Enrollment: 60; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 4-7 hours per day for varying number of days; September 1972 to June 1973

For Registration or Additional Information write to:

Marguerite Fortmann, R.P.T.
Bellevue Hospital
28th Street & 1st Avenue
New York, New York

020 DEPARTMENTAL OBSERVERS AND PROFESSIONAL GROUP VISITS

Instructors: Joseph Goodgold, M.D.; Georg Fleischer, M.D.; Glenn Goldfinger, B.S.

For: Physicians, Administrators Associated with Rehabilitation Facilities

Description and Objectives:

Tours and lectures are scheduled to show a model for delivery of services and education in rehabilitation medicine to responsible personnel in this field from institutions from the United States and throughout the world.

These observerships cover a period from one week to three months and consist of clinical and didactic instruction. Assignments are made in departmental affiliated services to meet the physician's specific interests and needs.

Maximum Enrollment: 355; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; hours per day and number of days vary; January 1972 to December 1972

For Registration or Additional Information write to:
Joseph Goodgold, M.D.
Director of Research and Training
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

021 POSTGRADUATE COURSE IN CLINICAL ELECTRODIAGNOSIS OF NEUROMUSCULAR DISEASES

Instructors: Joseph Goodgold, M.D.; Arthur Eberstein, Ph.D.; Neil Speilholz, Ph.D.

For: Physicians, Ph.D.'s

Description and Objectives:

The course is designed to present the basic principles underlying electromyography and nerve stimulation studies to the physician or Ph.D. planning to specialize in clinical neurophysiology as well as to the allied group of physicians who rely on the results as an aid in diagnosis—the neurologist, neurosurgeon, orthopedist, physiatrist and others. In this sense the course furnishes a rigorous introduction which is neither elementary nor specialized. No prior training has been necessary for enrollment. Systematic correlation of laboratory observations with clinical diagnoses is always stressed. The curriculum includes neuromuscular physiology and pathology, basic requirements of instrumentation systems in detecting and recording of bioelectric potentials, the study of evoked muscle and nerve action potentials in response to stimulation of peripheral motor and/or sensory nerves and the averaging of low level signals, frequency analysis, signal integration and multielectrode studies.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 3 days; December 4, 1972 to December 6, 1972

For Registration or Additional Information write to:
Joseph Goodgold, M.D.
Director of Research and Training
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

022 REHABILITATION MEDICINE CURRICULUM AT NEW YORK UNIVERSITY SCHOOL OF MEDICINE FIRST-FOURTH YEAR STUDENTS

Instructors: Joseph Goodgold, M.D.; Faculty of the Department of Rehabilitation Medicine

For: First and Second Year Medical Students

Description and Objectives:

To instruct medical students in the problems of the chronically ill and to introduce testing techniques in rehabilitation medicine. The concept of team evaluation is introduced and the necessity of considering the patients' medical, social, physiological and vocational needs is emphasized.

Maximum Enrollment: 220; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; hours per day and number of days vary; January 1972 to December 1972

For Registration or Additional Information write to:
Joseph Goodgold, M.D.
Director of Research and Training
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

023 SUMMER MEDICAL AND DENTAL STUDENT FELLOWSHIP PROGRAM

Instructors: Joseph Goodgold, M.D.; Georg Fleischer, M.D.; Faculty members of the Department of Rehabilitation Medicine

For: Freshman and Sophomore Medical and Dental Students

Description and Objectives:

The primary objective is to orient medical and dental students in the management of the chronically ill patient through rehabilitation techniques. All students participate in an orientation program and then are assigned to various services in the Department. The fellowship consists of a supervised clinical and didactic program as well as participation in evaluation, re-evaluation, and clinical conferences at the Institute of Rehabilitation Medicine and the Departments of Rehabilitation Medicine of Goldwater Memorial Hospital and Bellevue Hospital. There is direct supervision of the students by the members of the faculty—usually on a one-to-two basis. Students interested in pursuing some basic research during their programs will be assisted by departmental staff members in areas such as electromyography, cardiopulmonary, orthotics and bioengineering.

Maximum Enrollment: 35; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 40 days; July 1972 to August 1972

For Registration or Additional Information write to:
Joseph Goodgold, M.D.
Director of Research and Training
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

024 CLINICAL PRACTICE AND OBSERVATION PHYSICAL THERAPY

Instructors: Jack M. Hofkosh, M.S.; Catherine Van Olden, M.A.; Physical Therapy Staff, B.S.

For: Physical Therapy Undergraduate

Description and Objectives:

To make available to all interested schools of Physical Therapy the full extent of physical therapy departmental clinical facilities for interested junior and senior students. To provide to those students (graduate and undergraduate) and others on-the-job experience concurrent with theoretical classroom courses and to assist in their instruction by demonstration and augmenting discussions related to physical therapy management of the disabling process.

Maximum Enrollment: 120; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; hours vary per day for 5 days; January 1972 to November 1972

For Registration or Additional Information write to:

Jack Hofkosh, M.S., R.P.T.
Director of Physical Therapy Department
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

025 HEALTH CAREER OPPORTUNITIES PROGRAM 1972

Instructors: Joseph Goodgold, M.D.; Staff of N.Y.U.M.C.

For: High School and College Students

Description and Objectives:

To offer as broad an orientation to interested young people as possible the careers available in health. We attempted this by providing opportunities with stress on their major field of interest. All departments of the Institute of Rehabilitation Medicine, Bellevue and Goldwater Memorial Hospital, participated in practice for students, in lectures and in demonstrations throughout the entire twelve week block.

On-the-job experience made up a major portion of the time used by all units in an attempt:

a. to recruit for the various health professions;
b. to upgrade interest and skill in some assistive activities;
c. to assist in the development of work attitudes pertinent to careers in health;
d. to gain an awareness and appreciation of patients' concern with his own social, economical and psychological problems which affect his rehabilitation program.

Maximum Enrollment: 150; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 20 days; June 6 to June 30, 1972, July 3 to July 28, 1972, and July 31, to August 25, 1972.

For Registration or Additional Information write to:
Joseph Goodgold, M.D.
Director, Research and Training
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

026 IN-SERVICE CONTINUING EDUCATION PHYSICAL THERAPY DEPT., INSTITUTE OF REHABILITATION MEDICINE

Instructors: Jack M. Hofkosh, M.S.; The Institute of Rehabilitation Medicine Faculty and Staff Members

For: Resident Physicians, Nurses, Physical Therapists, Occupational Therapists

Description and Objectives:

Continuing education in the form of in-service brings to the professional staff, opportunity to become aware of developing research, interesting innovations and methodology pertinent to their special field of interest. All meetings are open to general professional public, in this department and other units of the medical center; and to share with other groups on assigned basis, physical therapy philosophies related to totality of the rehabilitation process.

Maximum Enrollment: 107; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day for 36 days; September 1972 to May 1973

For Registration or Additional Information write to:
Mr. Jack Hofkosh, R.P.T.
Director, Physical Therapy Services
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

027 PHYSICAL THERAPY AIDE-IN-SERVICE

Instructors: Jack M. Hofkosh, M.A.; Elizabeth Paster, M.A.

For: Physical Therapy Aides

Description and Objectives:

This in-service training offers our physical therapy aide staff an opportunity to have department policies and procedures explained to them, as well as time for discussion. In addition, various treatment procedures, new equipment, informative films, etc., are presented to keep them up-to-date in the field as it relates to their jobs.

Maximum Enrollment: 42; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Long-term; ½ hour per day for 32 days; September 1972 to May 1973

For Registration or Additional Information write to:

Mr. Jack Hofkosh, R.P.T.
Director, Physical Therapy Services
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

028 PROGRAM PRE-PHYSICAL THERAPY ASSOCIATE IN APPLIED SCIENCE SCHOOL OF CONTINUING EDUCATION NEW YORK UNIVERSITY

Instructors: Jack Hofkosh, M.S.; Evelynne Paterson, B.S.; Russell Smith, M.A.

For: Physical Therapy Continuing Education Students

Description and Objectives:

Bold innovations in health and social legislation require bold innovations in education, in training and in the utilization of health career personnel.

We, with this program, have developed a meaningful career ladder leading from Physical Therapy Aide (16 weeks training) to Physical Therapy Assistant A.A.S. (2-year program). We were able to do this by utilizing the facilities, staff and philosophy of New York University, its Medical Center; Institute of Rehabilitation Medicine, School of Education, School of Continued Education and Extension Services.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 5 hours per day for 5 days; September 1972 to June 1973

For Registration or Additional Information write to:

Jack Hofkosh, R.P.T.
Director, Physical Therapy Services
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

029 OCCUPATIONAL THERAPY STUDENT AFFILIATION

Instructors: Margaret Hundley, B.S.; Renee Okoye, B.S.

For: Occupational Therapy Students

Description and Objectives:

The objective of the Occupational Therapy Affiliation is to present a program which will provide application of principles and techniques of occupational therapy. To increase the students' knowledge of, and competency in, occupational therapy and interdepartmental relations. To guide the student to understanding of professional and ethical behavior.

The curriculum includes orientation to the Institute, to the Occupational Therapy Department, interdepartment relationships, community relationships, resources for personal and professional growth; treatment program, evaluation, treatment planning, treatment media activities and methods, recording and reporting; in-service lectures, ward rounds, staff conferences, orthopedic and wheelchair clinics.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 7 hours per day for 52 days; January 1972 to December 1972

For Registration or Additional Information write to:
Margaret Hundley, O.T.R., Occupational Therapy
Goldwater Memorial Hospital
Welfare Island, New York

030 PRACTICAL STUDENT NURSE PROGRAM IN OCCUPATIONAL THERAPY

Instructors: Margaret Hundley, B.S.; Renee Okoye, B.S.

For: Student Practical Nurses

Description and Objectives:

To orient through lecture and demonstration the role of the occupational therapist in a team approach to the rehabilitation of patients with physical disabilities.

To explain through lecture and observation the technique of transferring patients, and self-care activities, so that the acquired skills will be carried on in the ward, under the supervision of the nurse.

To effect communication with the nurse through the knowledge of what occupational therapy is, and our method and media of treatment.

The lectures and demonstrations include functional occupational therapy and activities of daily living.

Maximum Enrollment: 150; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 3 hours per day for 20 days; January 1972 to December 1972

For Registration or Additional Information write to:
Margaret Hundley, O.T.R., Occupational Therapy
Goldwater Memorial Hospital
Welfare Island, New York

031 E21.2117 ADVANCED CLINICAL PRACTICUM IN SPEECH PATHOLOGY AND AUDIOLOGY — NEW YORK UNIVERSITY SCHOOL OF EDUC. (Div. of English Educ., Speech & Educational, Theatre)

Instructors: Patricia C. Kerman, M.A.; Arlene Kraat, M.A.; Lynn Sosnow Singer, M.A.

For: Speech Pathologists and Audiologists

Description and Objectives:

The course provides graduate speech pathology trainees with the opportunity to observe, evaluate and treat neurologically impaired adults with speech, language and hearing disorders under the direct supervision of the speech pathology staff at Goldwater. The course also provides a unique training experience by exposing the student to the rehabilitation team approach. At the completion of the clinical practicum course, the trainee should be able to independently diagnose and treat the communication disabilities associated with neurological impairment.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 60 days; January 1972 to June 1972, June 1972 to August 1972, September 1972 to January 1973

For Registration or Additional Information write to:
Patricia Kerman, M.A., Speech Therapy
Goldwater Memorial Hospital
Welfare Island, New York

032 CLINICAL STUDENT OBSERVATION PROGRAM — SPEECH PATHOLOGY

Instructors: Patricia C. Kerman, M.A.; Staff

For: Speech Pathology Students

Description and Objectives:

The program is designed to introduce undergraduate and graduate speech pathology students to the functions and goals of the Department of Rehabilitation Medicine and specifically to the role of the speech pathologist within the rehabilitation team. Another aspect is to discuss and demonstrate the speech and language disorders found in adults with neurological impairment through lectures and direct observation of patients enrolled in our program.

Maximum Enrollment: 85; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 1 day; January 1972 to December 1972

For Registration or Additional Information write to:
Patricia Kerman, Speech Therapy
Goldwater Memorial Hospital
Welfare Island, New York

033 SPEECH PATHOLOGY NURSES AIDE TRAINING PROGRAM

Instructors: Patricia C. Kerman, M.A.; Arlene Kraat, M.A.; Susan Gray, M.S.

For: Nurses Aides

Description and Objectives:

To provide the nurses aides with an educational program to assist them in their daily management of communicatively impaired adults. The program consisted of lectures, demonstrations and discussions focusing on the management of communication problems encountered in patients with aphasia, dysarthria and hearing impairment. Both the day and twilight nursing staff participated in the training program.

Maximum Enrollment: 10/session; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 4 hours per day for 1 day; January 1972 to December 1972

For Registration or Additional Information write to:

Patricia Kerman, Speech Therapy
Goldwater Memorial Hospital
Welfare Island, New York

034 PRACTICUM IN REHABILITATION COUNSELING

Instructors: Matilda Lang, M.A.; John McCullen, M.A.

For: Graduate Rehabilitation Counseling Students

Description and Objectives:

Teach the student to read charts, familiarize him with the disabilities and how they affect vocational potential. In general, the objectives are to assist the graduate student put into practice those counseling skills which were learned theoretically.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 6 hours per day for 50 days; September 1972 to February 1973 and February 1973 to June 1973

For Registration or Additional Information write to:

Matilda Lang, M.A., Rehabilitation Counseling
Goldwater Memorial Hospital
Welfare Island, New York

035 CLINICAL TRAINING FOR GRADUATE THERAPISTS AND NURSES

Instructors: Edith B. Lawton, M.A.; Ruth E. Baines, M.A.

For: Physical Therapists, Occupational Therapists, and Registered Nurses

Description and Objectives:

After completion of the 4-week Advanced Course in Physical Rehabilitation Methods for Registered Nurses, students may stay, if so desired, to gain experience in different phases of rehabilitation.

This additional time of 1-4 weeks is organized according to the specific interest of the student and may consist of one or more of the following:

a. Clinical observation and practice in different departments of the institute.

b. Attendance at different meetings at the Institute such as evaluation conferences, re-evaluation clinics, staff meetings, etc.
c. Interviews with different department heads.
d. Field trips to different institutions in or close to New York City.

Maximum Enrollment: 26; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 5-20 days; January 1972 to December 1972

For Registration or Additional Information write to:
Edith Lawton, M.A.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

036 FOUR-WEEK ADVANCED COURSE IN PHYSICAL REHABILITATION METHODS FOR PHYSICAL THERAPISTS, OCCUPATIONAL THERAPISTS AND REGISTERED NURSES

Instructors: Edith B. Lawton, M.A.; Ruth E. Baines, M.A.

For: Physical Therapists, Occupational Therapists, Registered Nurses, Home Economists, Recreation

Description and Objectives:

The course deals with the "Total Rehabilitation" of severe physical disabilities resulting from medical, surgical, neurological and orthopedic and other conditions. It is designed for physical and occupational therapists and registered nurses as a preparation for their role in a rehabilitation program. The course content includes medical, psychosocial and vocational aspects as well as methods and skills of different rehabilitation techniques. Lectures, demonstrations, laboratory and practice sessions are provided to give as complete a picture as possible of a rehabilitation program.

Since its beginning, the course has grown in depth and scope and includes the up-to-date developments in the field of rehabilitation. The emphasis is always on how to train the patient to achieve a maximum of rehabilitation, therefore, the elimination of architectural barriers has become an important topic. To have the three "Sister Professions" together represented in the course serves as a most practical method to develop a working concept of teamwork.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 20 days; January 1972 to December 1972

For Registration or Additional Information write to:
Edith Lawton, M.A.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

037 INTERNATIONAL TRAINING PROGRAM FOR PHYSICAL AND OCCUPATIONAL THERAPISTS

Instructors: Edith B. Lawton, M.A.; Ruth E. Baines, M.A.

For: Physical Therapists and Occupational Therapists

Description and Objectives:

Special clinical training is offered for international physical and occupational therapists who have completed their professional education in a foreign country. Occasionally nurses are enrolled.

The program is organized to suit the special interest of the students and consists of the following: a) Clinical practice under supervision in different divisions of the physical therapy or occupational therapy department of the Institute. This is full time daily. b) International students enrolled in this program have the privilege to attend the 4-week Advanced Course in Physical Rehabilitation Methods.

Maximum Enrollment: 7; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for variable number of days; dates vary

For Registration or Additional Information write to:

Edith Lawton, M.A.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

038 REHABILITATION FOR THE PHYSICALLY HANDICAPPED (First and Second Semesters)

Instructors: Edith B. Lawton, M.A.; Ruth E. Baines, M.A.

For: Physical Therapy Students, Occupational Therapy Students

Description and Objectives:

This is a required course within the Physical and Occupational Therapy Curriculum at New York University School of Education. It carries 2 points university credit.

The course is offered in the first semester for Physical Therapy students, and in the second semester for Occupational Therapy students.

Maximum Enrollment: 43; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 5 hours per day for 15 days; September 1972 to June 1973

For Registration or Additional Information write to:

Edith Lawton, M.A.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

039

THREE-WEEK SEMINAR IN PHYSICAL REHABILITATION METHODS FOR REGISTERED NURSES

Instructors: Edith B. Lawton, M.A.; Ruth E. Baines, M.A.

For: Registered Nurses

Description and Objectives:

The purpose of the Seminar is to demonstrate how the concept of "total rehabilitation" can be incorporated as an essential part of nursing care. It is designed for registered nurses in the hospital as well as in the Public Health fields. The philosophy and principles of rehabilitation can be applied by the staff nurse in her nursing duties, by the supervisor in orienting her department toward rehabilitation and by the instructor in nursing arts or clinical nursing.

The content of the Seminar encompasses physical rehabilitation procedures for severely physically handicapped patients due to medical, surgical, neurological, and other conditions. It also includes the medical, psychosocial and vocational aspects which have to be considered to rehabilitate the patient to his maximum. Didactic and practical training is provided.

Maximum Enrollment: 45; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 15 days; January 1972 to December 1972

For Registration or Additional Information write to:

Edith Lawton, M.A.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

040

INTERNSHIP FOR GRADUATE DENTISTS IN CARE OF THE PHYSICALLY HANDICAPPED AND THE LONG-TERM PATIENT

Instructors: Mathew Lee, M.D.; Jack Goldstein, M.D.; Martin Rubin, D.D.S.

For: Graduate Dentists

Description and Objectives:

Three recently graduated dentists from accredited schools are offered a rotating internship in all phases of dental care for the physically handicapped. They work in close conjunction with the total rehabilitation team with the objective of incorporating total dental care into the rehabilitation concept. They receive a two month correlated orientation in all aspects of rehabilitative care of the physically handicapped and long-term patient. Throughout the year they engage in clinical practice and maintain their role in the rehabilitation team, attending lectures, seminars, etc. In addition, they attend courses and lectures in other institutions and schools as a part of this course.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 220 days; January 1972 to December 1972

For Registration or Additional Information write to:
Mathew Lee, M.D.
Goldwater Memorial Hospital
Dept. of Rehabilitation Medicine
Welfare Island, New York

041 ORIENTATION IN CARE FOR PHYSICALLY DISABLED FOR DENTAL STUDENTS

Instructors: Mathew Lee, M.D.; Jack Goldstein, M.D.; Martin Rubin, D.D.S.

For: Dental Students

Description and Objectives:

This orientation course is designed to familiarize dental students with the problems of physically disabled and handicapped patients, and to correlate the care of the mouth with the total rehabilitation process. Training is given in rendering the best possible dental care for these patients. The students are taught to regard themselves as members of the rehabilitation team. The purpose of this course is to extend the vista of dental students, insofar as dental care is concerned, beyond the normal patients to which they are ordinarily exposed.

Third-year dental students receive an orientation to the general problems of the physically handicapped. This is done by the total rehabilitation team, including the dentist, and this teaching is carried on by means of lectures and case presentations. Every member of the dental class is required to rotate through this orientation to rehabilitation.

Fourth-year dental students are assigned to clinical practice in delivering dental care to physically handicapped patients under supervision. This work is carried on in close relationship with the other members of the rehabilitation team.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 2 days; January 1972 to June 1972 and October 1972 to December 1972

For Registration or Additional Information write to:
Mathew Lee, M.D.
Department of Rehabilitation Medicine
Goldwater Memorial Hospital
Welfare Island, New York

042 CLINICAL TRAINING IN ORTHOTICS AND PROSTHETICS

Instructors: Hans Richard Lehneis, Dipl. O&P; Ludwig Greilinger, Dipl. O&P

For: Orthotic and Prosthetic Technicians

Description and Objectives:

The curriculum consists of laboratory instruction and practice in the basic aspect of fabrication of orthoses and prostheses rather than formal instructional lectures. Also, the trainee is requested to attend clinics and lectures to the general staff. Laboratory instruction and practice includes plaster techniques, plastic lamination techniques and working with various materials, machines and equipment necessary for the construction of orthoses and prostheses.

The objectives of clinical training in orthotics and prosthetics are to train individuals to act as support personnel for the professional orthotist-prosthetist.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; January 1972 to December 1972

For Registration or Additional Information write to:
Hans R. Lehneis, C.P.O.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

043 SUMMER WORK STUDY PROGRAM FOR GRADUATE STUDENTS IN SOCIAL WORK

Instructors: Aimee T. McDonnell, M.S.W.; Kay Perfect, M.S.W.

For: Social Worker Students

Description and Objectives:

The Summer Work Study Program for graduate students in social work provides the student with the opportunity to integrate and apply, under close supervision, knowledge acquired during the first year of graduate school. The objectives are:

1. To provide a paid summer work-study experience for first year graduate students in social work to enable them to meet educational expenses for the ensuing year.
2. To sustain interest in the social work profession.
3. To stimulate interest of future social workers in the field of rehabilitation.

Maximum Enrollment: 4; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 60 days; June 1972 to September 1972

For Registration or Additional Information write to:
Aimee T. McDonnell, M.S.W.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

044 PSYCHIATRIC SEMINARS

Instructor: Sidney Rosen, M.D.

For: Social Workers, Rehabilitation Counselors, Occupational Therapists, Psychologists, Psychiatrists

Description and Objectives:

To acquaint our psychosocial staff with recent developments in rehabilitation research and therapeutic techniques. During the past year the focus was mostly on group therapies. Participants were presented with movies, video tapes, as well as guest speakers.

Maximum Enrollment: 35; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1½ hours per day for 40 days; January 1972 to December 1972

For Registration or Additional Information write to:

Sidney Rosen, M.D.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

045 WORKSHOP IN CLINICAL HYPNOSIS

Instructor: Sidney Rosen, M.D.

For: Psychology Interns, Predoctoral Trainees

Description and Objectives:

To teach basic techniques of hypnosis and their application in rehabilitation medicine. Participants are given demonstrations of various hypnotic phenomena. They are encouraged to undergo direct experience themselves, both as subjects and as hypnotists. Actual patients are presented both in person and by video tape.

Maximum Enrollment: 7; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day for 40 days; December 1972 to June 1973

For Registration or Additional Information write to:

Sidney Rosen, M.D.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

046 RESIDENCY TRAINING FOR PHYSICIANS IN REHABILITATION MEDICINE

Instructors: Howard A. Rusk, M.D.; Joseph Goodgold, M.D.; Georg Fleischer, M.D.

For: Physicians

Description and Objectives:

The residency training program of the Department of Rehabilitation Medicine of the New York University Medical Center has been organized in accordance with the recommendations of the American Board of Rehabilitation Medicine and the Council on Medical Education and Hospitals of the American Medical Association. The curriculum, therefore, offers a complete training in the clinical care of the chronically ill and disabled supported by a prescribed formal lecture series.

The program is carried out on a rotational basis through the various services of the Institute of Rehabilitation Medicine as well as the affiliated hospitals of the Department. These include the Inpatient and Outpatient Services, Institute of Rehabilitation Medicine; Electromyography Service, Institute of Rehabilitation Medicine; Respirator Service, Goldwater Memorial Hospital; Institute for the Crippled and Disabled; the Rehabilitation Medicine Services of Goldwater Memorial Hospital, Bellevue Hospital, St. Vincent's Hospital, St. Barnabas Hospital, Veterans Administration Hospital, Grasslands Hospital and the Orthopedic and Neurology Services of the New York University Medical Center.

The clinical training is supported by supervised bedside rounds, individual patient evaluation and re-evaluation clinics, seminars and combined clinical conferences with other medical services. The lectures are concerned with pertinent and diversified topics including functional anatomy, muscle testing, neurophysiology, pathophysiology of the neuromuscular and musculoskeletal systems, renal pathophysiology, cardiopulmonary diseases, etc.

The educational activities are organized under the Director of Research and Training, advised and assisted by an active committee of senior faculty members. Opportunities are given to senior residents for research in any area in the rehabilitation field under the supervision of senior faculty members.

Maximum Enrollment: 60; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 220 days; July 1972 to June 1973

For Registration or Additional Information write to:
Joseph Goodgold, M.D.
Director of Research and Training
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

047 PROSTHETICS AND ORTHOTICS EDUCATION

Instructor: Allen S. Russek, M.D.

For: Physicians and Surgeons, Physical Therapists, Occupational Therapists, Orthotists—Prosthetists

Description and Objectives:

Advanced courses for experienced personnel; Physicians and Surgeons, Physical Therapists, and Orthotists-Prosthetists in the New York University Postgraduate School.

Lectures and demonstrations include prescription, fabrication, fitting, checkout and training with upper and lower extremity prostheses and braces. Teams are assigned to patients for actual experience in live, practical situations and graded on their performance.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 4 days; January 1972 to December 1972

For Registration or Additional Information write to:
Allen Russek, M.D.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

048 CLINICAL PRACTICUM IN SPEECH PATHOLOGY

Instructor: Martha Taylor Sarno, M.A.

For: Speech Pathology Graduate Students

Description and Objectives:

Individual training on an intensive clinical basis for three graduate students in Speech Pathology and one Ph.D. candidate in Physiological Psychology. Testing and treatment were provided and supervised by staff members specialized in a number of areas relevant to the student's special interests.

Clinical practice in speech pathology was provided under close supervision at the Institute of Rehabilitation Medicine Speech Pathology Program. Professional skills were shaped and sharpened through direct involvement in administration and content of speech therapy sessions.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 75 days; February 1972 to January 1973

For Registration or Additional Information write to:
Martha Taylor Sarno, M.A.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

049 SPEECH PATHOLOGY OF THE ORGANICALLY HANDICAPPED I (Aphasia)

Instructor: Martha Taylor Sarno, M.A.

For: Speech Pathology Graduate Students

Description and Objectives:

This course, offered in cooperation with the New York University School of Education during the fall semester is designed to provide an introduction to the neurological, linguistic and psychological rationales underlying the evaluation and treatment of verbal impairment secondary to brain damage.

Theories of learning, language acquisition, and verbal function were emphasized and integrated with discussions of the methodology for clinical testing, research and treatment. This was derived from lectures, readings, clinical demonstrations and films used to achieve these objectives.

Maximum Enrollment: 35; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 10 days; September 1972 to January 1973

For Registration or Additional Information write to:
Martha Taylor Sarno, M.A.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

050 SPEECH PATHOLOGY FOR REHABILITATION NURSES

Instructor: Martha Taylor Sarno, M.A.

For: Graduate Nurses

Description and Objectives:

Specialized practical training designed to give the rehabilitation nurse an in-depth experience in the communication needs of the brain damaged adult. Diagnostic treatment, and prognostic considerations, were discussed. Observation of testing, individual and group speech therapy comprised a large part of the course experience.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 3 hours per day for 4 days; January 1972 to December 1972

For Registration or Additional Information write to:
Martha Taylor Sarno, M.A.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

051 CONSULTATIVE-ADVISORY SERVICES ON VOCATIONAL-EDUCATIONAL-EMPLOYMENT PROBLEMS AND PROGRAMS FOR THE DISABLED AND DISADVANTAGED

Instructors: Meyer S. Siegle, M.A.; Rosalind R. Zuger, M.A.; Joyce C. Mesch, M.A.; Nancy Esibill, M.A.

For: Agency Administrators, Government Officials, School and College Officials, School Guidance Counselors, Special Education Teachers, Rehabilitation Counselors and Supervisors, Placement Specialists, Physicians, Psychologists, Social Workers

Description and Objectives:

The objective of this program is to assist public and private agencies and programs to improve vocational, employment and educational services for the disabled and the disadvantaged. The program's objective is accomplished by advisory and consultative services offered through discussions, conferences, seminars and correspondence. Direct services may also be offered to disabled and disadvantaged clients of these agencies.

Examples of program activities: Consultations and conferences with state rehabilitation agency personnel on services for quadriplegics and the severely disabled; participant in nationwide conferences on spinal cord injured sponsored by the United States Veterans Administration; lectures and consultation for Bronx Veterans Administration Spinal Cord Injury Center; seminar on rehabilitation of severely disabled, International Association of Rehabilitation Facilities; Advisory Committee, Jersey City Job Corps for Women; Advisory Committee on Vocational Education, New York City Board of Education; Mayor's Advisory Committee on the Handicapped.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; hours per day and number of days vary; dates also vary

For Registration or Additional Information write to:
Meyer Siegel, M.A.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

052 CORRELATED EDUCATIONAL-EMPLOYMENT PROGRAM FOR DISABLED HIGH SCHOOL STUDENTS

Instructors: Meyer S. Siegel, M.A.; Joyce C. Mesch, M.A.; Nancy Esibill, M.A.; Rosalind R. Zuger, M.A.

For: Disabled High School Students

Description and Objectives:

This program was initiated in September 1971. Because of the limited staff time available, only a few students can participate at this time. Disabled high school students participate in after-school job experiences and receive counseling and other appropriate vocational rehabilitation services. The objectives of this program are: through meaningful job experiences and related vocational services to stimulate personal and vocational growth; develop suitable vocational goals; improve work habits; improve the school staff's awareness of the disabled student's needs and educational-vocational potential; stimulate interest in rehabilitation and health careers; reduce potential for economic dependence.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; hours per day and number of days vary; dates vary

For Registration or Additional Information write to:
Meyer Siegel, M.A.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

053 FIELD WORK PLACEMENT IN REHABILITATION COUNSELING

Instructors: Meyer S. Siegel, M.A.; Joyce C. Mesch, M.A.; Nancy Esibill, M.A.; Rosalind R. Zuger, M.A.

For: Graduate Students in Rehabilitation Counseling

Description and Objectives:

Six rehabilitation counseling students received a supervised experience in the principles and practices of a comprehensive program of vocational services including counseling, testing and vocational evaluation, educational and vocational planning job placement and followup, functioning as a member of a multidiscipline rehabilitation team, relating to state and private rehabilitation agencies and schools, community resources. In addition, the students attended seminars and lectures dealing with medical-psychological, social and vocational aspects of rehabilitation medicine.

Two graduate students in rehabilitation counseling were provided with a 100-hour supervised experience in employment counseling and job placement.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 7 hours per day for 22 days; January 1972 to December 1972

For Registration or Additional Information write to:

Meyer Siegel, M.A.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

054 INTRODUCTION TO PRINCIPLES AND PRACTICES OF VOCATIONAL REHABILITATION

Instructors: Meyer S. Siegel, M.A.; Rosalind R. Zuger, M.A.; Joyce C. Mesch, M.A.; Nancy Esibill, M.A.

For: Physical Therapists, Occupational Therapists, Psychologists, Social Workers, Rehabilitation Counselors, Nurses, Rehabilitation Counseling Students, College Students, High School Students, Medical Students, Physicians, Teachers, Guidance Counselors, Orthotics and Prosthetists, Personnel Representatives, Recreation Therapists, Home Economists, Parents

Description and Objectives:

Lectures, seminars and observations covering the areas of rehabilitation, philosophy, counseling, vocational assessment, education, training, placement, federal-state program and community resources.

The objective of this program is to provide people in other fields and professions with information and experiences that will develop in them a more sensitive awareness of the principles, practices and services of vocational rehabilitation as it relates to their own roles and needs.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; hours per day and number of days vary; dates also vary

For Registration or Additional Information write to:
Meyer Siegel, M.A.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

055 MEDICAL-PSYCHOLOGICAL-VOCATIONAL ASPECTS OF REHABILITATION

Instructor: Meyer S. Siegel, M.A.

For: Graduate Students in Rehabilitation Counseling

Description and Objectives:

To provide the students with basic medical information, an understanding of the psychosocial and vocational impact of disability and illness, and an awareness of the principles and practices of the comprehensive multidiscipline approach to rehabilitation medicine. This is a one-semester, six-credit course required of all students in the New York University Rehabilitation Counseling Program. The course consists of lectures, seminars and presentations, and observation of the Institute of Rehabilitation Medicine programs and services.

Maximum Enrollment: 32; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 30 days; September 1972 to January 1973

For Registration or Additional Information write to:
Meyer Siegel, M.A.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

056 SUMMER WORK STUDY PROGRAM FOR ECONOMICALLY DISADVANTAGED AND DISABLED YOUTH

Instructors: Meyer S. Siegel, M.A.; Muriel Levenstein, M.A.; Joan Ross, M.A.

For: Disabled and Disadvantaged High School and College Students

Description and Objectives:

Forty-seven disabled and disadvantaged youth participated in a summer work program that included supervised job experiences, counseling, orientation to rehabilitation principles and to rehabilitation and health careers. A weekly stipend of $62.50 was provided for the eight-week program. Of the 47 youths, 40 were physically disabled; 15 were unable to use public transportation.

The program's objectives included: enhancing personal growth and reducing potential dependency; encouraging full use of potential for work and independence; stimulating interest in health and rehabilitation careers; improving attitudes toward the disabled; to demonstrate to educators, school counselors, anti-poverty agencies and the employment services that severely disabled students can be recruited and successfully placed in summer jobs.

Maximum Enrollment: 47; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 40 days; July 1972 to August 1972

For Registration or Additional Information write to:
Meyer Siegel, M.A.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

057

DRIVER AND TRAFFIC SAFETY EDUCATION FOR THE PHYSICALLY HANDICAPPED E18 2009

Instructor: Jiri Sipajlo, A.M.

For: Driver Education Teachers in New York State

Description and Objectives:

The specific objective of this program is to prepare teachers qualified to teach physically handicapped persons to meet the requirements of the driving task and to understand the role of the handicapped drivers in society in which the vehicle plays an important role in their economic and psychosocial adjustment.

Significant numbers of physically disabled individuals, in and out of school, are denied driver education since no prepared teachers exist to meet their need. The general objective of this program is to introduce, for the first time in this state and in the nation, a teacher preparation course for instructors of physically handicapped drivers.

Maximum Enrollment: 13; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 15 days; June 1972 to July 1972

For Registration or Additional Information write to:
Jiri Sipajlo, A.M.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

058

ANNUAL SHORT COURSE IN PEDIATRIC HABILITATION

Instructors: Chester A. Swinyard, M.D., Ph.D.; Leon Greenspan, M.D.

For: Physiatrist, Pediatrician

Description and Objectives:

A comprehensive combined didactic and clinical presentation of the diagnostic evaluation and management of the principal categories of handicapped children.

Although the emphasis is on treatment principles and details, the didactic presentations are designed to make clear the philosophic rationale for the clinical approach to the problem.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 5 days; November 13, 1972 to November 17, 1972

For Registration or Additional Information write to:

Joseph Goodgold, M.D.
Director of Research and Training
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

059 THE CHILD WITH SPINA BIFIDA: THE BIRTH DEFECT AND CLINICAL MANAGEMENT OF THE PROBLEMS

Instructors: Chester A. Swinyard, M.D., Ph.D.; Leon Greenspan, M.D.; Angeles Badell-Ribera, M.D.; Phyllis Gillette, P.H.N.

For: Nurses, Physical Therapists

Description and Objectives:

This was the first of three such courses planned for the academic year, 1971-1972.

This is essentially a practical, two-day workshop on spina bifida primarily designed to fit the needs of nurses and physical therapists.

The course includes lectures, demonstrations clinics and practical instruction illustrating the nature of the birth defect and overall management with special reference to nursing care and physical therapy.

Maximum Enrollment: 21; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 2 days; February 7, 1972 to February 8, 1972 and May 15, 1972 to May 16, 1972

For Registration or Additional Information write to:

Joseph Goodgold, M.D.
Director of Research and Training
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

060 CLINICAL BIOMECHANICS

Instructors: Erwin R. Tichauer, Sc.D.; Sanders W. Davis, M.D.

For: Medical Students

Description and Objectives:

This is an elective course for third and fourth year medical students. The principal objective of this course is to demonstrate how the mechanics and pathomechanics of human motion permit the diagnosis of an individual's capacity to handle real work situations, commonly used tools and activities of daily living. In this year's project, students were engaged in the measurement and analysis of the pathomechanics of children afflicted which were compared and contrasted with those of the healthy child and adolescent. By such comparison and analysis, it may be possible to diagnose motion disorders long before they become clinically apparent; and thus begin corrective action by way of therapy or training early enough to prevent, or at least substantially ameliorate, in many cases the social and vocational disabilities resulting from neuromuscular disease.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 6 hours per day for 50 days; January 1972 to December 1972

For Registration or Additional Information write to:

Erwin Tichauer, Sc.D.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

061 GRADUATE TRAINING IN OCCUPATIONAL BIOMECHANICS

Instructors: Erwin R. Tichauer, Sc.D.; Sanders W. Davis, M.D.; Georg Shultz, M.S.; Calman Gold, M.E.; Matthew Miller, M.A.

For: Engineers, Physiotherapists, Nurses, Physicians, Safety Specialists, Biomechanics Specialists

Description and Objectives:

This is a sequence of six cours[illegible] for members of the health professions, and engineers eng[illegible] in problems of physically and socially impaired workers. The curriculum includes consideration of the human musculoskeletal system as a mechanical structure; identification of anatomical failure points in man-task systems; design and evaluation of work situation and equipment for the disabled; trauma prevention and control; use of electrophysiological and biomechanical instrumentation applied to the measurements of work tolerance and to the design of training programs for the disabled. Special problems of women at work. Practical work with human subjects and demonstrations in industry.

Students become qualified to accelerate the integration of the disabled into productive industrial society under competitive conditions with the objective of achieving economic independence as early as possible. Students also learn to design workplaces adapted to the special needs of the physically disabled as well as the socially disadvantaged, and, finally, to develop training programs of practical usefulness for rehabilitation.

Maximum Enrollment: 127; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 64 days; September 1972 to June 1973

For Registration or Additional Information write to:
Erwin Tichauer, Sc.D.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

062 IN-SERVICE TRAINING IN BIOMECHANICS

Instructors: Erwin R. Tichauer, Sc.D.; George Schulz, M.S.; Calman Gold, M.E.; Matthew Miller, M.A.

For: Medical Students, Rehabilitation Counselors, Physical Therapists, Occupational Therapists, Physicians, Postgraduate Engineering Students, Air Force Safety Officers

Description and Objectives:

The purpose of this heterogenous set of activities is to disseminate knowledge about biomechanics as applied to disability prevention and amelioration of vocational aftereffects of disability to professionals who, through supervision of workplace design or counseling, can apply the knowledge to the benefit of individual, socially or physically impaired people in industrial work situations. A secondary purpose is to stimulate young people to take up a career in Biomechanics as applied to rehabilitation.

Maximum Enrollment: 100; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2-8 hours per day for 1 day; dates vary

For Registration or Additional Information write to:
Erwin Tichauer, Sc.D.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

063 MULTIDISCIPLINARY SUMMER SCHOOL IN BIOMECHANICS

Instructors: Erwin R. Tichauer, Sc.D.; Sanders W. Davis, M.D.; Georg Schulz, M.S.; Calman Gold, M.E.

For: Graduate Physical Therapy Students, Medical and Premedical Students

Description and Objectives:

This is a 10-week summer session aiming to provide students of medicine, of engineering and of the allied health professions with the practical skills and basic know-how necessary to perform multidisciplinary teamwork in rehabilitation. Within the context of this project, medical students are concerned with the rehabilitee's health and fitness for work, engineering students concentrate on the principles of the design of a work situation to suit the needs of the disabled, and members of the allied health professions focus primarily upon guidance and adaptation of the rehabilitee towards competitive success in a real work situation. It was shown that the three types of trainees, evaluated still in the formative phase of professional preparation, can be made more appreciative of the value of multidisciplinary cooperation in the solution of problems relating to difficulties experienced by rehabilitees in man-task situations. All trainees receive intensive theoretical and practical instruction, muscle testing, evaluation of work tolerance, electromyography, kinesiology, and the operation of biomedical and bioelectrical laboratory equipment.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 50 days; July 1972 to September 1972

For Registration or Additional Information write to:
Erwin Tichauer, Sc.D.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

064 ORIENTATION TO PSYCHODIAGNOSTIC TESTING

Instructor: Aaron J. Weiss, Ph.D.

For: Nurses, Social Workers, Rehabilitation Counselors, Physical Therapists, Occupational Therapists, Psychologists, Medical Residents, Attending Physicians

Description and Objectives:

Description and demonstration of intelligence and psychodiagnostic tests. Orientation to psychological testing.

Maximum Enrollment 26; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day for 24 days; January 1972 to December 1972

For Registration or Additional Information write to:
Aaron J. Weiss, Ph.D.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

065 PRINCIPLES OF PSYCHOLOGICAL FIRST AID

Instructor: Aaron J. Weiss, Ph.D.

For: Nurses, Social Workers, Rehabilitation Counselors, Physical Therapists, Occupational Therapists, Psychologists, Medical Residents, Attending Physicians

Description and Objectives:
Presentation and discussion of specific principles and techniques which can be utilized by staff members in dealing with patients' psychological states.

Maximum Enrollment: 26; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per day for 24 days; January 1972 to December 1972

For Registration or Additional Information write to:
Aaron J. Weiss, Ph.D.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

066 PSYCHOLOGICAL INTERNSHIPS

Instructors: Aaron J. Weiss, Ph.D.; M. David Diamond, Ph.D.; Nona Tussman, M.A.

For: Psychologists

Description and Objectives:
Training in psycho-diagnostic testing (Intelligence and Projective Tests), individual psychotherapy and theory and practice in Rehabilitation Medicine. The intern is extensively involved in all facets of our patient-care program and is intensively supervised.

Maximum Enrollment: 1; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 7 hours per day for 60 days; May 1972 to August 1972

For Registration or Additional Information write to:
Aaron Weiss, Ph.D.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

067 PSYCHOLOGICAL PRINCIPLES APPLIED TO PATIENT CARE

Instructors: Aaron J. Weiss, Ph.D.; Nona Tussman, M.A.

For: Registered Nurses, Licensed Practical Nurses, Nurses' Aides

Description and Objectives:
Discussion of patient problems and intra-staff relationships. Orientation to psychotherapeutic principles which can be utilized by staff members in patient care.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day for 48 days; January 1972 to December 1972

For Registration or Additional Information write to:
Aaron J. Weiss, Ph.D.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

068 PSYCHOLOGICAL CONFERENCE

Instructor: Aaron J. Weiss, Ph.D.

For: Nurses, Social Workers, Rehabilitation Counselors, Physical Therapists, Occupational Therapists, Psychologists, Speech Pathologists, Medical Residents, Attending Physicians

Description and Objectives:
Presentation of cases and lectures on selected psychological topics. Psychological and social orientation for Rehabilitation Medicine Staff.

Maximum Enrollment: 39; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day for 12 days; January 1972 to December 1972

For Registration or Additional Information write to:
Aaron J. Weiss, Ph.D.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

069 VOCATIONAL COUNSELOR INTERNSHIPS

Instructors: Aaron J. Weiss, Ph.D.; Miriam Vasar, M.S.; Margaret Kenney, M.A.

For: Graduate Rehabilitation Counseling Students

Description and Objectives:
Orientation of graduate rehabilitation counseling students to general functioning of our Rehabilitation Service with specific emphasis on vocational services.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 2½ hours per day for 3 days; January 1972 to December 1972

For Registration or Additional Information write to:
Aaron Weiss, Ph.D.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

070 PSYCHOLOGY INTERNSHIP

Instructors: Herbert Zaretsky, Ph.D.; William Paradowski, Ph.D.

For: Psychologists

Description and Objectives:

The program's objective is to provide both education and relevant professional experience in a rehabilitation setting for advanced graduate students in psychology which is part of the American Psychological Association approved internship program at the Institute of Rehabilitation Medicine; aspires to stimulate the interest of students toward considering a career in the rehabilitation area. The intern is educated in the methods of psychologic assessment and treatment and given, under supervision, patient cases to serve as practicum training. Additionally, for experience, the intern serves as a participant-observer in various activities of psychology: group therapy sessions, ward meetings, "Young Adult" ward re-evaluations, etc. Finally, for their academic benefit, a series of seminars and lectures are prepared covering both clinical and research topics.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 64 days; January 1972 to December 1972

For Registration or Additional Information write to:

Herbert Zaretsky, Ph.D.
Goldwater Memorial Hospital
Department of Rehabilitation Medicine
Welfare Island, New York

071 FUNCTIONAL AIDS AND ADAPTATIONS FOR THE PHYSICALLY DISABLED E 31.1756

Instructor: Muriel E. Zimmerman, M.A.

For: Occupational Therapy Students

Description and Objectives:

A lecture-demonstration-group participation presentation on evaluation and use of self-help devices, designed to teach objectives and analytical application. Includes laboratory experience in study and use of materials and design as they relate to assistive equipment.

The objectives of the course are to prepare the occupational therapist to be able to provide the disabled person with independence in vocational and/or personal needs. This may be done on a consulting or supervisory basis or on the treatment level.

Maximum Enrollment: 18; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 16 days; February 1972 to May 1972

For Registration or Additional Information write to:

Muriel Zimmerman, M.A.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

072 PARTICIPATION IN CONTINUING INSTITUTE OF REHABILITATION MEDICINE TRAINING PROGRAMS

Instructors: Muriel E. Zimmerman, M.A.; Mrs. John Lincoln, B.A.

For: Registered Nurses, Registered Physical Therapists, Registered Occupational Therapists, Physicians, Residents, Student Occupational Therapists, Summer Experience Students

Description and Objectives:

Presentation of information on self-help devices (adaptive equipment) to paramedical personnel to aid in knowledge and practice in this area of rehabilitation, with the objective of providing vocational and self-care independence of the disabled person. Stress is laid on evaluation of functional needs for proper selection of equipment.

Maximum Enrollment: 40; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; hours per day and number of days vary; dates also vary

For Registration or Additional Information write to:

Muriel Zimmerman, M.A.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

073 PROGRAM TO IMPROVE EMPLOYER RECEPTIVITY TO THE HIRING OF THE DISABLED PERSON

Instructor: Rosalind R. Zuger, M.A.

For: Employers and Company Representatives

Description and Objectives:

This program's objective is to improve employer's receptivity to hiring the physically disabled. This objective is pursued through a variety of activities: seminars at the Institute of Rehabilitation Medicine for employers and personnel representatives; company-based conferences and discussions with company representatives; consultation with a television program director; the Chairman of the Committee for the Specialized Placement of the Handicapped appeared on a television program, as did several Institute of Rehabilitation Medicine staff. The committee members play a valuable role in educational and public relations activities toward improving employment opportunities for the severely disabled.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; hours per day and number of days vary; dates vary

For Registration or Additional Information write to:
Rosalind R. Zuger, M.A.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

074 DRIVER TRAINING FOR THE PHYSICALLY HANDICAPPED

Instructor: Jiri Sipajlo, A.M.

For: Driver Education Teachers in State of New York

Description and Objectives:

The specific objective of this program is to prepare teachers qualified to instruct physically handicapped persons to meet the requirements of the driving task and to understand the role of the handicapped drivers in society in which the vehicle plays an important role in their economic and psychosocial adjustment.

Significant numbers of physically disabled individuals, in and out of school, are denied driver education since no prepared teachers exist to meet their need. The general objective of this program is to introduce, for the first time in this state and in the nation, a teacher preparation course for instructors of physically handicapped drivers.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 13 days; January 1972 to December 1972

For Registration or Additional Information write to:
Jiri Sipajlo, A.M.
Institute of Rehabilitation Medicine
400 East 34th Street
New York, New York 10016

RT-2

University of Minnesota

075 REFRESHER COURSE FOR OCCUPATIONAL THERAPISTS

Instructors: Anita P. Smith, Ph.D.; Martin Leet, M.A.; et al.

For: Occupational Therapists

Description and Objectives:

This course is developed for the purpose of bringing the participants up-to-date on current occupational therapy practice and provide a launching point for additional self-study and return to work. It also offers an orientation to current occupational therapy theory and therapeutic techniques used in the psychosocial and the physical dysfunction settings.

Approximately 10 hours are devoted to each of these major areas, including a review of the cerebrovascular system, hemiplegic evaluation, adaptive equipment and splinting and group processes. The remaining time is applied towards consultancy/supervision, Medicare and community resources, specialty interest areas, and employment opportunities. An additional week of clinical experience in the metropolitan or home community is made available for those interested.

Maximum Enrollment: 15; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 5-10 days; October and March

For Registration or Additional Information write to:

Anita P. Smith, Director
Continuing Education
Kenny Rehabilitation Institute
1800 Chicago Avenue
Minneapolis, Minnesota 55404

076 COURSE IN MANAGEMENT OF CEREBRAL PALSY

Instructors: Daniel Halpern, M.D.; Frederic J. Kottke, M.D., Ph.D.; Jessie K. Easton, M.D.; et al.

For: Physiatrists, Pediatricians, Orthopedists and Pediatric Neurologists

Description and Objectives:

A one-week series of lectures, demonstrations and audiovisual aids on the practical management of cerebral palsy for physicians. The subject matter included motor organization of central nervous system, spinal and supraspinal reflexes, intellectual and linguistic abilities, analysis of gait pattern, identification of problems and goal settings, prescription of treatment, training of muscular control, orthopedic surgery, lower and upper extremities, and principles of bracing and splinting.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 6 days; October 11, 1972 to October 16, 1972

For Registration or Additional Information write to:
Dr. Daniel Halpern
Box 297, Mayo
University of Minnesota
Minneapolis, Minnesota 55455

077 GRADUATE FELLOWSHIP IN PHYSICAL MEDICINE AND REHABILITATION

Instructors: Frederic J. Kottke, M.D., Ph.D.; Glenn Gullickson, M.D., Ph.D.; et al.

For: Graduate Medical Students

Description and Objectives:
This is a three-year program for the training of physicians in rehabilitation medicine. The objective is to teach physicians the proper care and comprehensive rehabilitation techniques for the disabled individual and the development of new methods through research.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day; continuous scheduling

For Registration or Additional Information write to:
Dr. Frederic J. Kottke, Dept. of PM&R
Box 297, Medical School
University of Minnesota
Minneapolis, Minnesota 55455

078 PRACTICUM IN VOCATIONAL REHABILITATION COUNSELING

Instructors: Gary T. Athelstan, Ph.D.; Nancy M. Grewe, Ph.D.; Garland Meadows, M.S.

For: R.S.A. Vocational Rehabilitation Counseling Trainees and Counseling Psychology Graduate Students

Description and Objectives:
To develop basic interviewing, assessment and counseling skills in graduate students aspiring to work as counselors in rehabilitation settings.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; September 1, 1972 to August 31, 1973

For Registration or Additional Information write to:
Dr. Gary T. Athelstan, Dept. of PM&R
Medical School
University of Minnesota
Minneapolis, Minnesota 55455

079 GRADUATE PROGRAM IN PHYSICAL THERAPY

Instructors: Helen Skowlund, M.S., R.P.T.; Martin O. Mundale, M.S., R.P.T.

For: Graduate Students in Physical Therapy

Description and Objectives:

Program designed to prepare qualified physical therapists for M.S. degrees either with or without thesis required. Prepares students for either academic careers at the University level or at the junior college level or as clinical supervisors.

Maximum Enrollment: 4; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; September to June

For Registration or Additional Information write to:
Helen Skowlund, Dept. of PM&R
Box 297, Mayo Building
University of Minnesota
Minneapolis, Minnesota 55455

080 COURSE IN OCCUPATIONAL THERAPY

Instructors: Marvin G. Lepley, B.S., O.T.R.; et al.

For: Upper Division Students

Description and Objectives:

Professional program to prepare students for careers as occupational therapists.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; October 1, 1972 to September 30, 1973

For Registration or Additional Information write to:
Mr. Marvin G. Lepley
Box 297, Mayo Building
University of Minnesota
Minneapolis, Minnesota 55455

081 COURSE IN PHYSICAL THERAPY

Instructors: Wilbur L. Moen, B.S., R.P.T.; et al.

For: Upper Division Students

Description and Objectives:

Professional program to prepare students for careers as physical therapists.

Maximum Enrollment 50; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; October 1, 1972 to September 30, 1973

For Registration or Additional Information write to:
Mr. Wilbur L. Moen
Box 297, Mayo Building
University of Minnesota
Minneapolis, Minnesota 55455

082 SEX EDUCATION FOR SPINAL CORD INJURIES

Instructors: Theodore M. Cole, M.D.; Pearl Rosenberg, Ph.D.; Thomas Anderson, M.D.

For: Disabled and Corresponding Partners

Description and Objectives:

Desensitizing and re-sensitizing sex education workshop involving multi-medium educational devices; i.e., sound, music, films and large and small group discussion.

Maximum Enrollment: 60; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per day for 16 days; scheduled periodically

For Registration or Additional Information write to:
Dr. Theodore Cole
Box 297, Mayo Building
University of Minnesota
Minneapolis, Minnesota 55455

083 NURSING ADMINISTRATION IN NURSING HOMES

Instructors: Ruth Stryker, R.N., M.A.; Beverly Fahland, R.N.; Arlene Graupmann, R.N., M.N.A.; Catherine Coles, R.N., B.S.; Florence Deaner, R.N., B.S.; and Martha Christiansen, R.N., B.S.

For: Directors of Nursing Services in Nursing Homes

Description and Objectives:

This course is designed to improve the knowledge, abilities and skills of directors of nursing services in nursing homes.

One nursing responsibility is discussed in depth each day: 1) Overall management of nursing; 2) Patient care planning; 3) In-service education; and 4) Utilization of personnel. The course is offered one day a month for four consecutive months in order to make the course available for more students who cannot take much time away from their jobs. Student participation is emphasized by requiring extensive assignments during the month's interval between class sessions.

Maximum Enrollment: 18; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 4 days; offered 4 times a year

For Registration or Additional Information write to:
Director, Nursing Education
Kenny Rehabilitation Institute
1800 Chicago Avenue
Minneapolis, Minnesota 55404

084 PREVENTIVE NURSING SKILLS FOR L.P.N.'s

Instructors: Ruth Stryker, R.N., M.A.; Beverly Fahland, R.N.; Arlene Graupmann, R.N., M.N.A.; Catherine Coles, R.N., B.S.; Florence Deaner, R.N., B.S.; and Martha Christiansen, R.N., B.S.

For: L.P.N.'s

Description and Objectives:

This course is designed to increase the ability of the L.P.N. to perform selected skills required for patients with a chronic or long-term illness or disability.

To our knowledge, this continues to be the only course in rehabilitation nursing for L.P.N.'s offered in the United States. It is mainly concerned with teaching rehabilitation nursing techniques to L.P.N.'s who often have responsibility beyond their preparation. It is designed particularly to meet the needs of nursing home personnel.

Maximum Enrollment: 15; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; December to February

For Registration or Additional Information write to:
Director, Nursing Education
Kenny Rehabilitation Institute
1800 Chicago Avenue
Minneapolis, Minnesota 55404

085 MEDICAL FACTORS IN VOCATIONAL REHABILITATION

Instructors: D. Wittcoff, B.S.; J. Steen, Jr., M.A.; E. Perkins, Ed.D.; W. Reed, Ph.D.

For: D.V.R. Counselors

Description and Objectives:

This course is designed to provide the rehabilitation counselor with relevant medical, psychological and sociological information about temporary and chronic disability, multiple rehabilitation goals, processes, facilities and resources. It proposes to enable the counselor to communicate with the client and other rehabilitation team specialists in order to improve the effectiveness of the total rehabilitation process.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 6 hours per day for 8 days; offered 10 times per year

For Registration or Additional Information write to:
D. Wittcoff
Kenny Rehabilitation Institute
1800 Chicago Avenue
Minneapolis, Minnesota 55404

086 SUPERVISION OF SUPPORTIVE PERSONNEL FOR THE HEALTH PROFESSIONAL

Instructors: Anita P. Smith, Ph.D.; Martin Leet, M.A.; Russell Havir, M.P.H.; et al.

For: Supervisors of Allied Health Personnel

Description and Objectives:

Most supervisory health personnel have had minimal formal education in the supervision of personnel. Consequently, this course is designed to aid them both in coping with complex service patterns in the delivery of patient care and in assuring maximum utilization of assistants and aides under their direction. This program is offered to increase their basic knowledge in areas of leadership, motivation, work organization, assessment and rating form development, interpersonal communication, staff development and audiovisual media.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 3 hours per day for 6 days; November and May

For Registration or Additional Information write to:
Anita P. Smith, Director, Continuing Education
Kenny Rehabilitation Institute
1800 Chicago Avenue
Minneapolis, Minnesota 55404

087 SEMINAR ON REHABILITATION OF THE STROKE PATIENT

Instructors: Anita P. Smith, Ph.D.; Martin Leet, M.A.; Russell Havir, M.P.H.; et al.

For: Health Professionals

Description and Objectives:

This two-day program is designed to provide an in-depth presentation and discussion of a problem-oriented approach to rehabilitation of stroke patients. Some questions treated were: How does the medical problem of stroke relate to the physical and intellectual result? How does a problem-oriented approach apply to the rehabilitation of the stroke patient? How are the problems resulting from stroke recognized, evaluated and managed by members of the team?

The seminar is open to physicians, nurses, physical therapists, speech therapists, social workers, and other interested health professionals. Faculty consists of Kenny Institute clinical staff including a physiatrist, social worker, psychologist, physical therapists, speech therapist, occupational therapist, and nurse.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; June 3, 1973 to June 4, 1973

For Registration or Additional Information write to:
Anita P. Smith, Ph.D.
Director, Continuing Education
Kenny Rehabilitation Institute
1800 Chicago Avenue
Minneapolis, Minnesota 55404

088 REHABILITATION METHODS IN SOCIAL WELFARE

Instructors: E. Dietrich, B.A.; D. Wittcoff, B.S.; and J. Bambery, M.S.W.

For: Social Caseworkers

Description and Objectives:

This course is designed to educate practicing social workers in the process of physical rehabilitation and in the social, psychological and medical aspects of a wide range of disease and disability.

The course content is centered on diseases, disabilities and other related disorders that are treated at Kenny Rehabilitation Institute and similar rehabilitation facilities. Emphasis is also placed on the functions of the paramedical services in the team approach to evaluation, treatment, discharge planning and vocational potential of the patient, and the role of the social worker in this process.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 5 days; offered 4 times a year

For Registration or Additional Information write to:
E. Dietrich
Kenny Rehabilitation Institute
1800 Chicago Avenue
Minneapolis, Minnesota 55404

089 WORKMEN'S COMPENSATION SEMINAR

Instructors: Anita P. Smith, Ph.D.; Martin Leet, M.A.; Russell Havir, M.P.H.; et al.

For: Insurance Agents

Description and Objectives:

The purpose of this seminar is to give insurance agents a better understanding of the implications of disability resulting from accidents so as to enable them to deal more effectively with accident claims.

Maximum Enrollment: 35; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 1 day; January 26, 1973

For Registration or Additional Information write to:
Anita P. Smith
Director, Continuing Education
Kenny Rehabilitation Institute
1800 Chicago Avenue
Minneapolis, Minnesota 55404

RT-3

University of Washington

090 MEDICAL STUDENT ELECTIVES IN REHABILITATION MEDICINE

Instructors: Medical faculty assisted by other members of the Rehabilitation Team

For: Medical Students

Description and Objectives:

First Year Clinical Elective in Physical Medicine and Rehabilitation (3). This course will provide emphasis on comprehensive evaluation of the patient, his disability and the interaction of the patient and his disability with his environment. Experience in the use of physical therapy for various disabilities, discussion of the psychological aspects of disability and the evaluation of the patient for ability to function will be included.

Second Year Clinical Elective in Physical Medicine and Rehabilitation (18). Special emphasis on the technique of eliciting historical and physical evidence of ability of the patient to function in his environment. Topics will include transfer abilities, normal and abnormal gait, reambulation, communication disorders, modalities in physical medicine, psychological aspects of disability, learning aspects in chronic disease, vocational evaluation, principles of physical and occupational therapy, educational problems of the disabled, neuromuscular electrodiagnosis, braces and prosthetics. Patients with stroke, amputation, spinal cord injury, arthritis and multiple injuries will be followed. Patient care responsibilities will be assumed by the student appropriate with his level.

Neuromuscular Electrodiagnosis (2). Lecture-demonstration of fundamentals of electromyography and peripheral nerve stimulation followed by student participation in clinical electrodiagnosis examinations. An effort will be made to develop in the student an awareness of the usefulness of these tests so that he will, in the future, know when such procedures are indicated for his patients and will be able to interpret the results rather than to develop proficiency in performing these examinations.

Clinical Biomechanics and Kinesiology (3). The physical and mechanical properties of the musculoskeletal system will be discussed. Mechanical principles used in the functional replacement using ambulation aids, braces and prosthesis will be reviewed. Emphasized will be the basic understanding of the biomechanical principles involved, as well as discussion of the clinical application, as they relate to normal and abnormal patterns of motion. The development and correction of deformities is discussed.

Operant Methods in Management of Chronic Disease and Chronic Pain (3). This course will demonstrate the place of learning concepts in understanding chronic disease and disability, review operant theory and methods and provide limited practicum in their application.

Basic PM&R (3). A combined outpatient, inpatient and consultation experience, where the human organism is studied as a social "being." The concept of disease is broadened to include the external environment. The student will learn the functional consequence in the environment to support maximal function, and the impact of the illness or disability on the people around the patient, in his environment. The concern is with the relationship of disability to work, social functioning and leisure time.

PM&R Clerkship-Pediatric (6, 9). A clerkship experience in the specific rehabilitation approaches for the disabling pediatric diseases. Includes school planning, family counseling, and community support services. Designed for those interested in Pediatrics.

PM&R Clerkship-Medical (6, 9). A clerkship experience in the specific rehabilitation approaches for the various "nonsurgical" diseases. Designed primarily for those interested in the medical (i.e., nonsurgical) specialties and tailored to the individual student's requirements.

PM&R Clerkship-Surgical (6, 9). A clerkship experience in the specific rehabilitation approaches for the various surgical problems. Designed primarily for those interested in the surgical specialties and tailored to the individual student's requirements.

PM&R Outpatient Clinics (3). A two half-day per week PM&R outpatient clinic experience emphasizing continuing care of the patient with chronic disease and disability in order to maintain optimum health and function. Evaluation of new patients in our outpatient management and the use of physical treatment for ambulatory pain and motion problems will also be stressed. Designed for those interested in family practice and internal medicine.

Physical Medicine and Rehabilitation Special Electives (9, 18). By specific arrangement, for qualified students, special clerkship, externship or research opportunities can at times be made available at institutions other than the University of Washington. Students wishing to elect this course should obtain from the Dean's Office a "Special Assignment" form at least one month before advance registration.

Undergraduate Thesis.

Undergraduate Research. Students are given the opportunity to participate in clinical and basic research under the direct supervision of an instructor. Topics presently under study are: Physiology of the locomotor system; Effects of physical agents and psycho-social-vocational aspects of disability. Common methods of the quantitative approach to basic and clinical problems as used in PM&R will be taught. Opportunities are given to use these methods in solving a research project.

Maximum Enrollment: variable; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; scheduled during calendar year

For Registration or Additional Information write to:
Dr. Alexander J. Masock, Instructor
Department of Rehabilitation Medicine
CC814 University Hospital
University of Washington
Seattle, Washington 98105

091 GRADUATE CURRICULUM IN OCCUPATIONAL THERAPY

Instructors: Occupational Therapy Faculty; Psychology Faculty, plus other University of Washington graduate faculty

For: Occupational Therapists who wish to pursue a career in teaching or administration in the field of occupational therapy

Description and Objectives:

The graduate program is designed for the registered occupational therapist to prepare him to become an academic or clinical educator administrator-supervisor, or a researcher in the field of occupational therapy. Departmental requirements include the taking of an approved theses. The balance of the required credits may be earned through appropriate elective courses directed to the student's area of interest. Foreign-language proficiency is not required. The program, based on an applicant's needs and prior preparation, may be planned to cover a span of one or two years. Opportunities for supervised teaching and administrative practice will be incorporated into the course of study.

Maximum Enrollment: 9; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; academic year

For Registration or Additional Information write to:

Miss Jennie A. Lucci, Assistant Professor and
Head, Division of Occupational Therapy
CC814 University Hospital
University of Washington
Seattle, Washington 98105

092 UNDERGRADUATE CURRICULUM IN OCCUPATIONAL THERAPY

Instructors: Occupational Therapy Faculty; Medical Faculty; Psychology Faculty

For: Students who desire a career in occupational therapy

Description and Objectives:

Occupational therapy is the treatment, through planned activity, of persons who are physically or mentally ill or disabled by accident, disease or birth defects. Activities used for treatment include creative and manual arts, recreational, educational and prevocational activities, and skills of independent daily living. The curriculum in occupational therapy is planned to give the student a broad base in the liberal arts and humanities as well as specialized training. Since judgement is basic to effective application of skill and knowledge, the student is encouraged to develop the habits of investigation and continued study. This curriculum leads to the degree of Bachelor of Science in Occupational Therapy in the School of Medicine. The program is accredited by the American Occupational Therapy Association and the Council on Medical Education and Hospitals of the American Medical Association.

Maximum Enrollment: 60; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; full academic year

For Registration or Additional Information write to:
Miss Jennie A. Lucci, Assistant Professor and
Head, Division of Occupational Therapy
CC814 University Hospital
Seattle, Washington 98105

093 UNDERGRADUATE CURRICULUM IN PROSTHETICS-ORTHOTICS

Instructors: Prosthetic-Orthotic Faculty and Medical Faculty

For: Students who desire a career in Prosthetics-Orthotics

Description and Objectives:

A Prosthetist-Orthotist is part of a professional medical team devoted to the evaluation and treatment of the physically handicapped. He is responsible for the design and fabrication of prosthetic and orthotic devices (artificial limbs and braces) and for helping handicapped patients of all ages to enjoy more functional and independent lives. The Prosthetics-Orthotics Program leads to the degree of Bachelor of Science.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; academic year

For Registration or Additional Information write to:
Justus F. Lehmann, Professor and Chairman
Department of Rehabilitation Medicine
CC814 University Hospital
University of Washington
Seattle, Washington 98105

094 UNDERGRADUATE CURRICULUM IN PHYSICAL THERAPY

Instructors: Physical Therapy Faculty, Medical Faculty, Psychology Faculty, Prosthetics-Orthotics Faculty

For: Students pursuing basic professional education in physical therapy

Description and Objectives:

The undergraduate curriculum in physical therapy requires four years and one summer for completion. Students are accepted into the professional portion of the program in the third year of the sequence. Graduates receive the B.S. in the Physical Therapy degree from the School of Medicine and are qualified to be licensed to practice. The curriculum is approved by the Council on Medical Education of the American Medical Association in collaboration with the American Physical Therapy Association.

Maximum Enrollment: 54; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; full academic year

For Registration or Additional Information write to:
Miss Jo Ann McMillan, Assistant Professor and
Head, Division of Physical Therapy

CC814 University Hospital
University of Washington
Seattle, Washington 98105

095 RESIDENCY TRAINING IN REHABILITATION MEDICINE

Instructors: Medical Faculty; Psychology Faculty; Prosthetic-Orthotic Faculty; Speech Faculty

For: Physicians who wish to become specialists in the field of Rehabilitation Medicine

Description and Objectives:

The Department of Rehabilitation Medicine offers a residency training program providing training in comprehensive rehabilitation for a broad spectrum of patients ranging from the pediatric through the geriatric. This includes the diagnosis and management of neuromuscular, musculoskeletal, cardiovascular, pulmonary and other conditions leading to long-term and significant functional loss. Training is also offered in diagnosis, management and therapeutics of acute conditions as they are seen in the practice of physical medicine. Adequate experience is also provided for the acute and emergent problems as they may occur in patients cared for by the physiatrist.

Maximum Enrollment: variable; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; calendar year

For Registration or Additional Information write to:

Dr. Justus F. Lehmann, Professor and Chairman
Department of Rehabilitation Medicine
CC814 University Hospital
University of Washington
Seattle, Washington 98105

096 TEACHING SELF-CARE SKILLS

Instructors: Rehabilitation Medicine Faculty

For: Personnel of nursing homes and extended care facilities

Description and Objectives:

To increase understanding of rehabilitation principles and to increase skill in teaching self-care techniques to disabled people.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term

For Registration or Additional Information write to:

Mrs. Rosemarian Berni
Rehabilitation Nurse and Instructor
CC814 University Hospital
University of Washington
Seattle, Washington 98105

097 MASTER OF SCIENCE DEGREE PROGRAM

Instructors: Medical Faculty plus other University of Washington Graduate Faculty

For: Residents in Rehabilitation Medicine who wish to pursue a career in academic medicine

Description and Objectives:

This program is aimed at the development of a training program for academicians in the field of Physical Medicine and Rehabilitation. The three-year residency program alone is felt to be less than optimal training for the pursuit of a future academic career in Physical Medicine and Rehabilitation. It is recognized that the present acute need for well-trained physicians in this field can be fulfilled only if adequate training facilities of high standards are available.

Maximum Enrollment: variable; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; calendar year

For Registration or Additional Information write to:

Dr. Justus F. Lehmann, M.D., Professor and Chairman
Department of Rehabilitation Medicine
CC814 University Hospital
University of Washington
Seattle, Washington 98105

098 THE STROKE PATIENT

Instructors: Faculty of the Department of Rehabilitation Medicine

For: Families of stroke patients

Description and Objectives:

To acquaint individuals with the cause, symptoms and result of cerebral vascular accident (stroke), to alert those caring for stroke patients to the need for rehabilitation, to teach the techniques of proper positioning, passive and active exercise in care of the patient, to explore the effects of using self-help in activities of daily living.

Maximum Enrollment: 30 per course; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; Each course consists of 4 weekly sessions; New course will be offered every 6-8 weeks

For Registration or Additional Information write to:

Dr. Justus F. Lehmann, Professor and Chairman
Department of Rehabilitation Medicine
CC814 University Hospital
University of Washington
Seattle, Washington 98105

099 REHABILITATION NURSING PATHWAYS IN DEPTH

Instructors: Rehabilitation Medicine Faculty

For: Nurses and Nursing Supervisors

Description and Objectives:

The course is designed to offer the graduate nurse sufficient theory and practice to enable her to lead in the development of rehabilitation nursing expertise in her area of practice; or to enable her to become a consultant-teacher in the rehabilitation nursing pathway she selects.

Maximum Enrollment: 5 per course; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; monthly; September through July

For Registration or Additional Information write to:

Mrs. Rosemarian Berni
Rehabilitation Nurse and Instructor
Department of Rehabilitation Medicine
CC814 University Hospital
University of Washington
Seattle, Washington 98105

RT-4

Baylor University

100 ELECTIVE COURSE—DEPARTMENT OF PHYSICAL MEDICINE

Instructors: Medical Faculty

For: Junior and Senior Medical Students

Description and Objectives:

Clinical Electromyography. The student will learn the theory and practice of clinical electromyography through lecture, demonstration and observation of the clinic electromyography service (Department of Physical Medicine) of the Methodist Hospital.

Clinical Correlations in Anatomy. The student will work up patients with neuromuscular-skeletal disorders and present them to a joint Anatomy-Physical Medicine Conference for discussion of the clinical diagnosis and treatment, and the anatomic basis of the disorder.

Rehabilitation Clerkship—Care of the Indigent Patient in the Hospital and in the Community. Using the services of the acute hospital (Physical Medicine, Ben Taub General Hospital), the rehabilitation ward (Jefferson Davis Hospital), and the Community Medicine Service (Ben Taub General Hospital), the entire scope of the rehabilitation process can be learned. The student clerk will be directly involved with the acute care of the patient admitted, he will then follow the medical and rehabilitative management and continue following the patient in his discharge setting under the supervision of the Community Medicine Service. All parameters of patient care from acute medicine through the impact of the family and community upon the patient and his disease process will be included.

Clinical Clerkship in Physical Medicine and Rehabilitation. The student will be responsible (under supervision) for the continuing medical and rehabilitative care of patients on the Physical Medicine and Rehabilitation Service at the Veterans Administration Hospital. He will attend and participate in rounds, seminars and other teaching activities of the service. In addition to usual medical clerk activities, the student will become acquainted with the social, psychological and vocational treatment and training activities ongoing at the Veterans Administration Hospital, in relation to his patients. He will be responsible for continuing followups of his discharged patients in the community.

Maximum Enrollment: 4; Outside Applicants Accepted; Academic Credit Available

Schedule: academic year

For Registration or Additional Information write to:

Lewis A. Leavitt, M.D.
Dept. of Physical Medicine
Room D-129
1333 Moursund Avenue
Houston, Texas 77025

101 PM&R AFFILIATED HOSPITALS RESIDENCY TRAINING PROGRAM OF BAYLOR COLLEGE OF MEDICINE

Instructors: Charles R. Peterson, M.D. and other Faculty of Departments of PM&R, Baylor Collge of Medicine

For: Physicians interested in specialization in the field of physical medicine and rehabilitation

Description and Objectives:

This is a three-year residency training program for physicians seeking specialization in physical medicine and rehabilitation. The program is carried out within the Physical Medicine programs and special rotations in other departments of the affiliated hospitals of Baylor College of Medicine including the Texas Institute for Rehabilitation and Research, Veterans Administration, The Methodist (including St. Luke's Episcopal and Texas Children's), Harris County Hospital District (including Ben Taub General and Jefferson Davis Hospitals). Those hospitals underlined are approved for three years of training by the Residency Review Committee for PM&R, representing the American Board of PM&R and the Council on Medical Education. As part of the resident's formal training, he rotates at the TIRR for three months during his three-year program.

The major objectives of this training program are to educate the physician in the basic principles and knowledge of the specialty and to prepare him for the American Board of Physical Medicine and Rehabilitation Examination.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; Ideally, July 1, for three years of training

For Registration or Additional Information write to:

Lewis A. Leavitt, M.D., Chairman
Department of Physical Medicine
Baylor College of Medicine
Room D-129
1333 Moursund Avenue
Houston, Texas 77025

102 FELLOWSHIP TRAINING IN PHYSICAL MEDICINE AND REHABILITATION

Instructors: Lewis A. Leavitt, M.D. and faculty of Departments of Physical Medicine and Rehabilitation

For: Physicians who have completed two or more years of residency training in PM&R or a related specialty

Description and Objectives:

This program is designed to give these physicians two years of additional experience in an academic environment in preparation for future careers in this field or a related specialty. A comprehensive integrated rehabilitation and research program involving basic clinical and allied sciences which include biomedical engineering, biomathematics, orthotics, prosthetics, psychology, and vocational counseling has been established.

Senior fellows will have the opportunity to develop professional capabilities in a favorable environment. They can participate in ongoing research that is being carried forth in neuromuscular electrophysiology, kinesiology, and ergonomics; automatic data processing and computing for measurement of disability and for retrievable research analysis. Other areas of research are available.

Teaching opportunities include undergraduate and graduate programs. These experiences will afford the physician an excellent opportunity to assume academic responsibilities in the field of physical medicine and rehabilitation.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day

For Registration or Additional Information write to:

Lewis A. Leavitt, M.D.
Chairman, Department of Physical Medicine
Room D-129
1333 Moursund Avenue
Houston, Texas 77025

103 CLINICAL TRAINING FOR OCCUPATIONAL THERAPY ASSISTANT STUDENTS

Instructors: Mary Joyce Newsom, OTR; Jacqueline Harrison, OTR; Beverly Hopkins, OTR; Marilyn Kraft, OTR; Maureen Parker, OTR; Marit Hatfield, OTR; Dorothy Beard, COTA.

For: Students with approved curriculum in Occupational Therapy who have been referred to us by their schools

Description and Objectives:

Before these students can become certified by the American Occupational Therapy Association they must have successfully completed four-weeks training in a physical disabilities program and four weeks in a psychiatric program. Students come to us for their physical disabilities training. They are given responsibilities in assisting with the planning of treatment programs and treatment of patients under the direction of a registered therapist. They are given the opportunity to report verbally and in writing to other staff members of the patient care team. By the end of the training program they are expected to be familiar with Occupational Therapy modalities and to be able to carry out treatment programs under the guidance of a registered therapist.

Maximum Enrollment: ——; Outside Applicants Accepted; Academic Credit Available (given by school)

Schedule: 8 hours per day for 20 days

For Registration or Additional Information write to:

Mrs. Jacqueline Harrison, O.T.R.
Clinical Supervisor
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

104 PRECLINICAL TRAINING FOR OCCUPATIONAL THERAPY STUDENTS

Instructors:	Mary Joyce Newsom, O.T.R.; Jacqueline Harrison, O.T.R.; Beverly Hopkins, O.T.R.; Marilyn Kraft, O.T.R.; Maureen Parker, O.T.R.; Marit Hatfield, O.T.R.
For:	Students from schools with approved curriculum in Occupational Therapy who have been referred to us by their schools

Description and Objectives:

This program was initiated in the Occupational Therapy curriculum at Texas Woman's University for their sophomore students. The primary objective is to give the student an opportunity to see Occupational Therapy in practice and to provide the student the experience of participating in a hospital program. They are assigned to work with a registered therapist and to assist with patient treatment.

Maximum Enrollment: —; Outside Applicants Accepted; Academic Credit Available (given by school)

Schedule: 8 hours per day for 15 days

For Registration or Additional Information write to:

Mrs. Jacqueline Harrison, O.T.R., Clinical Supervisor
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

105 CLINICAL TRAINING FOR OCCUPATIONAL THERAPY STUDENTS

Instructors:	Mary Joyce Newsom, O.T.R.; Jacqueline Harrison, O.T.R.; Beverly Hopkins, O.T.R.; Marilyn Kraft, O.T.R.; Maureen Parker, O.T.R.; Marit Hatfield, O.T.R.
For:	Students from schools with approved curricula in Occupational Therapy who have been referred to us by their schools

Description and Objectives:

A prerequisite for taking the Occupational Therapy registration exam is nine months in clinical affiliations. Students come to us for a three-month affiliation in physical disabilities and/or Pediatrics. Our program for these students has been approved by the American Occupational Therapy Association. During the three months they learn the practical application of their classroom training by evaluation of patients, planning of treatment programs, and patient treatment. They attend lectures given by other departments within the Institute, and write and present a research paper on a topic of interest. By the end of their affiliation they are expected to have a working knowledge of physically disabled patients and the modalities used for their treatment.

Maximum Enrollment: —; Outside Applicants Accepted; Academic Credit Available (given by school)

Schedule: 8 hours per day for 13 weeks

For Registration or Additional Information write to:

Mrs. Jacqueline Harrison, O.T.R., Clinical Supervisor
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

106 INTRODUCTION TO OCCUPATIONAL THERAPY TECHNIQUES IN REHABILITATION

Instructors: Mary Joyce Newsom, O.T.R.; Jacqueline Harrison, O.T.R.

For: Baylor College of Medicine Students

Description and Objectives:

A series of informal lectures designed to acquaint the student with the theory and application of Occupational Therapy as it relates to the physically disabled patient with emphasis on the physical, emotional and social needs connected with the disability. The student has the opportunity to learn what can be expected of an Occupational Therapy program, to evaluate types of disabilities and to plan Occupational Therapy treatment goals.

Maximum Enrollment: —; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 11 days; October 2, 1972 to December 18, 1972; January 2, 1973 to March 17, 1973

For Registration or Additional Information write to:

Mrs. Jacqueline Harrison, O.T.R.
Clinical Supervisor
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

107 INTRODUCTION TO OCCUPATIONAL THERAPY IN PHYSICAL DISABILITIES

Instructor: Jacqueline Harrison, O.T.R.

For: Students in Occupational Therapy Assistant Training Program, Houston, Texas

Description and Objectives:

An informal lecture/demonstration to familiarize O.T. Assistant students with the various diagnostic categories included in a physical disabilities setting and the theory of O.T. treatment for each. Also included is a slide presentation incorporating evaluation tools, therapeutic media, adaptive equipment, wheelchair measurement and checkout and orthotic equipment which might be utilized in an O.T. clinic.

Maximum Enrollment: —; Outside Applicants Not Accepted; Academic Credit Available (given by school)

Schedule: Short-term; 4 hours per day for 1 day

For Registration or Additional Information write to:

Mrs. Jacqueline Harrison, O.T.R.
Clinical Supervisor
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

108 SCI REHABILITATION NURSING CONCEPTS FOR NEUROSURGICAL NURSES

Instructors: T.I.R.R. RSCC Staff

For: Students of Methodist Neurosurgical Specialist Program

Description and Objectives:

A two-week program of classes and clinical experiences will be offered to students enrolled in the Methodist Neurosurgical nurse specialist program in order that effective nursing care can be provided for early SCI patients in neurosurgical nursing units of general hospitals and facilitate early rehabilitation opportunities for SCI patients.

Maximum Enrollment: 5; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 10 days; September 18 to September 29, 1972 and March 19 to March 30, 1973

For Registration or Additional Information write to:

Coordinator of Nursing Education
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

109 CONFERENCE ON NEW NURSING TECHNIQUES IN REHABILITATION

Instructors: T.I.R.R. Rehabilitation Nurse Specialist and Staff

For: Registered Nurses

Description and Objectives:

Four one-day conferences will be offered to registered nurses who are interested enough to make advanced reservations to attend conferences on selected nursing topics. One topic will be presented at each conference.

1. Skin care and positioning
2. Nursing urological procedures
3. Nursing care plans for the paralyzed
4. Teaching patients self-care

The purpose of the conference series is to share some of the expertise and newer nursing techniques in caring for patients with severe physical disabilities with other nurses in community health and acute care facilities.

Maximum Enrollment: 400; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 1 day; November 15, 1972, February 14, 1973, May 10, 1973 and August 14, 1973

For Registration or Additional Information write to:
Coordinator of Nursing Education
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

110 REHABILITATION NURSING PRACTICE

Instructors: Nursing Department

For: Nurses

Description and Objectives:

A program of study and practice to prepare a Rehabilitation Nurse Clinician candidate with the knowledge and skills required to assess, plan, give and evaluate the nursing care needs of patients with spinal cord lesions. In order to function in the clinician's role, the professional nurse must be able to utilize extensive knowledge of anatomy, physiology, and pathology of systems involved secondary to spinal cord lesions in order to make sensitive nursing judgments in the care of these patients.

Maximum Enrollment: 1; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Long-term; 4 hours per day for 5 days per week for 6 months; July 1, 1972 to January 31, 1973

For Registration or Additional Information write to:
Coordinator for Nursing Education
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

111 COMBINED CLINICAL ROTATION PROGRAM

Instructors: Attending physicians at the Texas Institute for Rehabilitation and Research

For: Baylor College of Medicine Medical Students

Description and Objectives:

The overall educational objective of this program will be to acquaint the student with philosophical and pragmatic issues in effective management of the severely disabled and the chronically ill patient.

Specific Objectives:

1. To demonstrate techniques, evaluative procedures, instrumentation, etc., employed in the quantitative measurement and the objective evaluation of medical conditions, their precursors and the extent to which treatment benefits the patient's physiological and psychosocial function.
2. To provide direct patient contact, to observe and assist physicians and clinical specialists in performing examinations and test procedures on patients at T.I.R.R.
3. To understand the role functions and job duties of the allied health professional.
4. To demonstrate the consonance and parallelism that exists between Community Medicine and Rehabilitation Medi-

cine in approach, implementation and management of the patient.

5. To show that disability can often be prevented or reduced through appropriate early medical management.

Maximum Enrollment: 36; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 36 days; July 6, 1972 to September 16, 1972 (twelve week intervals through 1972)

For Registration or Additional Information write to:

Mr. Riccardo J. Tettamanti, Assistant to the Director
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

112 TRAINING EXTERNSHIP FOR VR PERSONNEL IN REGION VI

Instructor: Mr. Riccardo J. Tettamanti, Coordinator

For: VR Counselors in Region VI

Description and Objectives:

To acquaint VR counselors with the multiplicity of medical, psychosocial and vocational problems that are occasioned by severe physical disability to provide the counselor with direct patient contact in order to demonstrate to VR counselors care and management techniques and principles that patients are exposed to in a comprehensive rehabilitation center. To show that disability can often be prevented or reduced through early medical management and vocational potential of the severely disabled can be enhanced through timely evaluation of his residual vocational capabilities. This course will be offered at quarterly intervals during 1972-1973.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 10 days; November 13, 1972 to November 24, 1972

For Registration or Additional Information write to:

Mr. Riccardo J. Tettamanti, Assistant to the Director
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

113 SHORT COURSE IN MEDICAL CARE AND MANAGEMENT TECHNIQUES FOR THE SEVERELY DISABLED

Instructors: Attending Physicians at T.I.R.R.

For: Medical Consultants in V.R. Agency in Region VI

Description and Objectives:

To alert medical consultant to the VR agencies of new and innovative techniques in the medical care management of the severely disabled. To demonstrate the potential that the severely disabled possess for gainful and remunerative employment. To provide techniques, evaluative procedures, instrumentation, etc., employed in the quantitative measurement and the objective evaluation of medical conditions, their precursors and the extent to which treatment benefits the patient's psychosocial and physiological function.

Maximum Enrollment: 12; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 2 days; November 9, 1972 to November 10, 1972

For Registration or Additional Information write to:

Mr. Riccardo J. Tettamanti, Assistant to the Director
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

114 PSYCHOSOCIAL FACTORS INFLUENCING PATIENT UTILIZATION OF ORTHOTIC DEVICES

Instructor: Joyce Testa, Social Worker (This lecture is part of a workshop offered by Orthotics Department annually)

For: Physicians, Orthotists, Therapists

Description and Objectives:

In addition to teaching the technical aspects of fabricating and fitting orthoses the participants in the Workshop are exposed to the various factors and circumstances which may contribute to the success or failure in utilizing the devices.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1 week each year

For Registration or Additional Information write to:

Orthotics Department
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

115 COMPREHENSIVE MANAGEMENT OF CHRONIC DISEASE

Instructor: Social Worker is one member of the multidisciplined team offering this experience

For: Sophomore Students of Baylor College of Medicine

Description and Objectives:

The objective of the social worker is to assist the medical student in identifying (in the situation of the patient and family assigned to him) the psychosocial consequences of physical disability from the standpoint of the patient, his family and the community; to guide the student as he attempts to locate appropriate resources for meeting the needs.

Maximum Enrollment: —; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 4 hours per day, 1 day per week; scheduled each quarter

For Registration or Additional Information write to:

Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

116 SEMINAR ON SEXUAL FUNCTION

Instructors: David Stock, M.S.W.; Ken Ware, Ph.D.; Joyce Testa, M.S.W.; Chris Margileth, M.S.W.; Laura Campion, R.N.

For: Spouses of Spinal Cord Injured Patients

Description and Objectives:

Since sexual functioning is such an important aspect of the young adult's life and since there is frequently some impairment of this function in spinal cord injured patients, both the patient and the spouse require guidance and new information as to new ways of securing sexual fulfillment. This is accomplished in groups through discussions and with films and slides. Former patients and their spouses who have made satisfactory adjustments in this area assist with the seminar.

Maximum Enrollment: —; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: To be offered on PRN Basis

For Registration or Additional Information write to:

Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

117 SOCIAL WORK PRACTICUM (CLINICAL TRAINING)

Instructors: Members of Social Work Staff

For: Graduate Students attending University of Houston, Graduate School of Social Work

Description and Objectives:

With a highly selective and limited patient load, under close supervision of T.I.R.R. social workers, the social work students have an opportunity to apply in practice those theories to which they have been exposed in the classroom. The student is expected to become proficient in providing services to individuals as well as to groups.

Maximum Enrollment: 2; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day, 3 days per week; August 1972 to May 1973

For Registration or Additional Information write to:
Social Work Department
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

118 SEMINAR—DEALING WITH CRISIS-PROGNOSIS, GRIEF AND DEATH

Instructors: Director and Staff of Social Service Department

For: An elective course for students, above freshman level, of Baylor College of Medicine

Description and Objectives:
Seminar and discussion course to illustrate communication skills as they influence doctor-patient-family responses when faced with crisis-prognosis, grief and/or death. Actual cases are used to identify various kinds of crises; student involvement is the focal point of developing self-awareness, responsibility and function of the physician in these situations.

Maximum Enrollment: 12; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 2 hours per day, 1 day per week; Fall quarter

For Registration or Additional Information write to:
Social Service Department
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

119 COMMUNITY HEALTH SEQUENCE

Instructors: Members of Nursing and Social Service Staff

For: Junior and Senior Nursing Students of Houston Baptist College

Description and Objectives:
Each student is assigned to a family (active with T.I.R.R.) in which there are one or more chronic health problems, to follow throughout the academic year. Through supervision provided by Nursing and Social Work Staff, the student identifies the problems and needs of the family; steers them through the maze of local services and plans collaboratively with other agencies who are also involved with the family.

Maximum Enrollment: 14; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; as needed on an individual basis; September 1972 to May 1973

For Registration or Additional Information write to:
Social Service Department
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

120 PSYCHODYNAMICS INFLUENCING THE ADJUSTMENT OF THE AMPUTEE

Instructors: Patricia Bloom, Social Worker (This lecture a part of a seminar to be offered by Prosthetic Staff on the Rehabilitation Process of the Amputee Patient)

For: Texas Rehabilitation Commission Counselors assigned to the South Texas Region

Description and Objectives:

Since the services of the Vocational Counselor are frequently required in formulating vocational goals for the amputee, this seminar is offered to broaden the counselor's understanding of the rehabilitation process in general and specifically to increase his sensitivity to the factors which influence the patient's response to loss of limit, change in body image and adjustment to prostheses.

Maximum Enrollment: ?; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; Fall of 1972

For Registration or Additional Information write to:

Prosthetics Department
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

121 ROLE OF SOCIAL SERVICE IN A REHABILITATION FACILITY

Instructor: Susan Browder, Social Worker

For: Occupational Therapy Students assigned to TIRR for Clinical Training

Description and Objectives:

This training activity is a part of the general orientation provided to all incoming OT students. The purpose is to enable the students to make appropriate use of social services in the treatment and understanding of patients assigned to them and to prepare the students for eventually working effectively in a multidiscipline setting following graduation.

Maximum Enrollment: —; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 1½ hours per day for 1 day; Offered each semester during the academic year

For Registration or Additional Information write to:

Social Service Department
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

122 SEMINAR—DEVELOPMENT AND USE OF THE PHYSICIAN-PATIENT RELATIONSHIP IN MEDICAL TREATMENT

Instructors: Director and Staff of Social Service Department

For: Baylor College of Medicine Students above freshman level

Description and Objectives:
This seminar-discussion course aims at increasing the student's ability to communicate with patients and their families when the primary problem is physical rather than psychiatric.

Maximum Enrollment: 12; Outside Applicants Not Accepted; Academic Credit Available

Schedule: 2 hours per day for 1 day per week; Spring quarter

For Registration or Additional Information write to:
Director, Social Service Department
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

123 BASIC ORIENTATION FOR NEW EMPLOYEES

Instructor: Mrs. Enna Elliott, R.N.

For: New Nursing Employees

Description and Objectives:
Basic orientation to nursing as performed at T.I.R.R.

Maximum Enrollment: undetermined; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 20 days; dates unknown

For Registration or Additional Information write to:
Director of Nursing
T.I.R.R.
P.O. Box 20095
Houston, Texas 77025

124 REHABILITATION NURSING ASSISTANT COURSE

Instructor: Mrs. Enna Elliott, R.N.

For: Nurse Aides who have been employed by T.I.R.R. a minimum of 18 months and who show potential for advancement to the R.N.A. level

Description and Objectives:
A course in advanced duties for auxiliary nursing personnel.

Maximum Enrollment: undetermined; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 6 months; dates unknown

For Registration or Additional Information write to:
Director of Nursing
T.I.R.R.
P.O. Box 20095
Houston, Texas 77025

125 NURSE AIDE COURSE

Instructor: Mrs. Enna Elliott, R.N.

For: Nurse Aides employed by T.I.R.R.

Description and Objectives:
Training in nurse aide duties.

Maximum Enrollment: undetermined; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 6 months; dates unknown

For Registration or Additional Information write to:
Director of Nursing, T.I.R.R.
P.O. Box 20095
Houston, Texas 77025

126 CLINICAL AFFILIATION FOR PHYSICAL THERAPY STUDENTS

Instructor: Lucinda Jardine, Educational Coordinator of the Physical Therapy Service

For: Sophomore Physical Therapy Students of Texas Women's University

Description and Objectives:
To provide the Sophomore Physical Therapy Student with an awareness of the scope of Physical Therapy in a rehabilitation setting. Prior to this affiliation the students have had no clinical experience, so that this affiliation provides for them to work as a Physical Therapy Aide under the direction of licensed Physical Therapists.

Maximum Enrollment: 2 students per affiliation period; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; dates to be arranged

For Registration or Additional Information write to:
Physical Therapy Service
T.I.R.R.
1333 Moursund Avenue
Houston, Texas 77025

127 CLINICAL AFFILIATION FOR PHYSICAL THERAPY STUDENTS

Instructors: Lucinda Jardine, Educational Coordinator of the Physical Therapy Service and other supervisor personnel as assigned

For: Senior Physical Therapy Students of University of Texas Medical Branch at Galveston, Texas Woman's University, and the University of Texas Southwestern Medical School at Dallas; Graduate Physical Therapy Students of Duke University and the U.S. Army Medical Field Service School

Description and Objectives:

By participating as a junior staff physical therapist under the guidance of experienced physical therapists, the student is expected to practice his chosen profession. The objectives of this clinical experience are to provide the student with the opportunity to:

1. Develop skill in the execution and use of evaluation procedures.
2. Develop the ability to plan and execute an effective treatment program within the limits of the physician's referral.
3. Develop skill in communication with patients, physicians, physical therapists, allied professionals, supportive personnel and lay persons.
4. Further his personal growth in professional attitudes and scientific knowledge.
5. Develop an appreciation for comprehensive rehabilitation of the patient.

Maximum Enrollment: 3 students per six-week session; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day; dates to be scheduled by each school

For Registration or Additional Information write to:

Physical Therapy Service
T.I.R.R.
1333 Moursund Avenue
Houston, Texas 77025

128 WORKSHOP FOR TRAINING OF PHYSICAL THERAPISTS IN APPLICATION AND USE OF FUNCTIONAL ELECTRICAL STIMULATION TO THE PERENEAL NERVE

Instructor:	Miriam J. Partridge, Director of Physical Therapy Service, T.I.R.R.
For:	Physical Therapists from institutions participating in the evaluation of the Ljubliana functional electrical stimulation project

Description and Objectives:

To give Physical Therapists who are presently using the Yugoslav devices an opportunity to learn more about the application and training procedures with the patients. The use of the Ljubliana FES equipment was first begun at T.I.R.R. in 1969. The Committee of Prosthetic and Research Development of the National Research Council of the National Academy of Sciences requested that the workshops be held, and CPRD designates the centers to be represented at the workshops.

Maximum Enrollment: 3; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; to be arranged

For Registration or Additional Information write to:

Miriam J. Partridge, Physical Therapy Service
Texas Institute for Rehabilitation and Research
1333 Moursund Avenue
Houston, Texas 77025

RT-6

Emory University

129 WORKSHOP—TRANSLATING THEORY INTO PRACTICE

Instructors: Ruth A. Kalish, M.A.; Carmella Gonnella, Ph.D.

For: Physical Therapy Educators, Academic and Clinical

Description and Objectives:
Designed to provide educators with most recent development in Kinesiology research and clinical application of these developments.

Maximum Enrollment: —; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 5 days; Winter to Spring

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

130 CONCEPTS OF SCIENTIFIC INQUIRY

Instructor: Carmella Gonnella, Ph.D.

For: Health Profession

Description and Objectives:
Philosophy of science and measurement, sampling, experimental design, interview and questionnaire construction, empirical observation, index construction and scaling and content analysis and coding.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 4 hours per week for 11 weeks; September to December

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

131 SCIENTIFIC BASIS FOR THERAPEUTIC TECHNIQUES

Instructor: Ruth A. Kalish, M.A.

For: Physical Therapists and Occupational Therapists

Description and Objectives:

Analysis of a variety of therapeutic techniques designed to improve motor performance. Analysis in terms of principles of neurophysiology, motor development and biomechanics. Emphasis on evaluating motor performance using electromyographic and related equipment.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 5 hours per day for 11 weeks; January to March

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

132 MOTOR LEARNING AND CONTROL

Instructor: Carmella Gonnella, Ph.D.

For: Graduate Physical Therapy and Occupational Therapy Students

Description and Objectives:

Various aspects of motor learning, including single motor unit control, development as related to physical readiness for motor learning, learning theory as applied to the acquisition of motor skill, advances in bioengineering related to motor performance and perceptual motor tests. Objectives: At the end of the quarter, the student should have sufficient knowledge and understanding to enable him to:

1. Describe the aspects of motor learning, including single motor unit control, development as related to physical readiness for motor learning, learning theory as applied to the acquisition of motor skill, advances in engineering related to motor performance, and the relevance of perceptual motor test results for motor performance;
2. Explain verbally the significance of these aspects of motor learning and control;
3. Question assumptions and statements, and to discuss the basic issues of motor learning and control in relation to the experiences provided in the course;
4. Distinguish between fact and assumptions in our present state of understanding of motor learning.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 4 hours per week for 11 weeks; January to March

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

133 SEMINAR SERIES—CURRENT PROBLEMS AND ISSUES IN PHYSICAL THERAPY

Instructors: Velma Schlorff, M.P.H.; Ruth A. Kalish, M.A.; Robert Bates; Susan Barrett

For: Allied Health Students

Description and Objectives:

The emphasis of the course is the understanding of oneself, other people and the interaction between the two in both personal and professional contexts. Particular attention will be paid to the helping relationship. Many of the learning experiences will be experiential with the participants assuming much of the responsibility for helping to set objectives for the course, plan learning experiences and evaluating their progress.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 20 hours per seminar; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

134 PRACTICUMS (IN PHYSICAL THERAPY EDUCATION, ADMINISTRATION AND RESEARCH)

Instructor: Coordinated by Ruth A. Kalish, M.A.

For: Physical Therapy Graduate Students (5)

Description and Objectives:

Individual programs are designed to provide field experiences related to problems in teaching in physical therapy. Students must show ability to integrate and utilize information gathered from previous educational experiences. Arrangements for the practicum have been made with undergraduate physical therapy programs and teaching hospitals. Each student will be in an individual setting. (Georgia State University; Emory University Regional Rehabilitation and Training Center [Neurophysiology Research]; Atlanta Easter Seal Society; University of Vermont [Physical Therapy Department])

Maximum Enrollment: 5; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 2-12 months each; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

135 NEUROANATOMY AND NEUROPHYSIOLOGY I

Instructor: Ruth A. Kalish, M.A.

For: Graduate Physical Therapy Students

Description and Objectives:

Comprehensive study of the structure and function of the central nervous system in man with emphasis on reflex and integrative mechanisms. Laboratories include brain dissection and session in spinal cord neurophysiology lab.

Objectives: At the end of the quarter, the student should have sufficient knowledge and understanding to enable him to:

1. Describe verbally the schema of the nervous system and the interactions of the major parts therein;
2. Explain the use of various measurement devices and parameters of measurement in neurophysiology research in the areas of sensory reception and motor control;
3. Explain the changing nature of neurophysiology research;
4. Distinguish between facts and assumptions in our present state of understanding of neurophysiology.

He should have developed sufficient skill and ability to enable him to:

1. Utilize reference material in neurophysiology research, to call into question a hypothesis formed regarding sensory reception or motor control;
2. Research sources and compile a chronological approach to research in neuroanatomy and neurophysiology.

It is hoped that the student will begin to develop the attitudes of:

1. Curiosity and a desire to know more in the area of neuroanatomy and neurophysiology;
2. Responsibility for utilizing this knowledge to facilitate an individual's development in the treatment situation;
3. Commitment to improving and expanding his present level of skill and ability in the area of applied research in neuroanatomy and neurophysiology;
4. Interest in continually updating his own knowledge in this area or directly through his own participation.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 6 hours per week for 11 weeks; September to December

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

136 NEUROANATOMY AND NEUROPHYSIOLOGY II

Instructor: Ruth A. Kalish, M.A.

For: Graduate Physical Therapy Students

Description and Objectives:

Continuation of Neuroanatomy and Neurophysiology I.

Objectives: At the end of quarter, the student should have sufficient knowledge and understanding to enable him to:

1. Describe verbally the schema of the nervous system and the interactions of the major parts therein;
2. Explain the use of various measurement devices and parameters of measurement in neurophysiology research in the areas of sensory reception and motor control;
3. Explain the changing nature of neurophysiology research;
4. Distinguish between facts and assumptions in our present state of understanding of neurophysiology.

He should have developed sufficient skill and ability to enable him to:

1. Utilize reference material in neurophysiology research, to call into question a hypothesis formed regarding sensory reception or motor control;
2. Research sources and compile a chronological approach to research in neuroanatomy and neurophysiology.

It is hoped that the student will begin to develop the attitudes of:

1. Curiosity and a desire to know more in the area of neuroanatomy and neurophysiology;
2. Responsibility for utilizing this knowledge to facilitate an individual's development in the treatment situation;
3. Commitment to improving and expanding his present level of skill and ability in the area of applied research in neuroanatomy and neurophysiology;
4. Interest in continually updating his own knowledge in this area or directly through his own participation.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 6 hours per week for 11 weeks; January to March

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

137 RECENT ADVANCES IN REHABILITATION

Instructors: Samuel B. Chyatte, M.D.; Staff of Emory University Regional Rehabilitation Research and Training Center; Guest Speakers

For: Physicians, Residents, Interns, Occupational Therapists, Physical Therapists, Anatomists, Bioengineers, Students, Nurses

Description and Objectives:

The seminars on Advances in Rehabilitation comprise an effort to update health professionals of many disciplines and at many levels in their knowledge and appreciation of rehabilitation related issues. Each seminar is hosted by a particular health professional group on an alternating basis but the program is broad enough to attract two or three professional groups.

These seminars are scheduled to be held on a monthly basis and to last for from one to two days.

Maximum Enrollment: 100; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1-2 days each month; September to October

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

138 CHEST PHYSIOTHERAPY—TECHNIQUES & PRINCIPLES OF BREATHING EXERCISES & POSTURAL DRAINAGE FOR INHALATION THERAPISTS

Instructor: Lydia Brooks, P.T.

For: Inhalation Therapists

Description and Objectives:

An in-service educational rotation to familiarize inhalation therapists with physical therapy chest procedures and treatments. Each therapist will do a biweekly rotation on this service.

Maximum Enrollment: 1-2; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 6 hours per day for 14 days; July to December

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

139 ORIENTATION OF NURSES & STUDENT NURSES TO PHYSICAL THERAPY

Instructor: Lydia Brooks, P.T.

For: Graduate Nurses and Student Nurses

Description and Objectives:

In-service instruction as to the nature of the facility and various modalities used in physical therapy. Observation of treatments in physical therapy department. Repeated six times during the year.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per day for 1 day; August to October

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

140 PEDIATRIC RHEUMATOLOGY TEACHING CLINIC

Instructor: C. H. Wilson, Jr., M.D.

For: Residents and Fellows

Description and Objectives:
Teaching rounds.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 3 hours per day for 26 days; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

141 GERIATRIC AMPUTEE CLINIC

Instructor: Vehbi Yucel, M.D.

For: Resident Physicians, Medical Students, Nurses, Physical Therapists

Description and Objectives:
To evaluate geriatric amputees in depth, recognizing the numerous medical and surgical complications inherent in this age group. This clinic has also been valuable in keeping personnel informed in the latest innovations in prosthetic design, fabrication and application. It has proven of value in training medical students, physicians, nurses, physical therapists, and has also aided in establishing close relationships with local prosthetists.

Maximum Enrollment: 16; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 3 hours per day for 12 days; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center

256 Woodruff Memorial Building
Atlanta, Georgia 30322

142 IN-SERVICE EDUCATION FOR PHYSICAL THERAPISTS

Instructors: Anne Wyatt, R.P.T. and Cheri Boyce, R.P.T.

For: Physical Therapists, Occupational Therapists

Description and Objectives:
To maintain or increase knowledge and skills of Center therapists by case presentations and demonstrations of techniques.

Maximum Enrollment: 11; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per day for 12 days; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

143 CARDIAC REHABILITATION CLINIC

Instructor: Mary Z. Skorapa, M.D.

For: Resident Physicians, Medical Students

Description and Objectives:
To follow up and evaluate progress of patients in returning to normal activities after acute myocardial infarct.

Maximum Enrollment: 4; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 4 hours per day for 50 weeks; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

144 CARDIAC REHABILITATION ROUNDS

Instructor: Mary Z. Skorapa, M.D.

For: Therapists, Physicians in Physical Medicine and Rehabilitation Nurses

Description and Objectives:
To initiate and continue a program of increasing supervised

activity for those patients suffering from acute myocardial infarct, leading to their return to productive living. This involves the house staff and nurses on medical wards, cardiac fellows, occupational therapists and physical therapists, public health nurses, social workers, and dieticians, as well as physiatrists.

Maximum Enrollment: 27; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 4 hours per day for 50 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

145 PHYSICAL THERAPY AIDE TRAINING

Instructor: Lydia Brooks, P.T.

For: Student Physical Therapy Aides

Description and Objectives:

To train nonprofessionals to perform routine physical therapy techniques, housekeeping, clerical and patient-related activities.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 6 hours per week for 50 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

146 TEACHING ROUNDS AT WESLEY WOODS HEALTH CENTER (EXTENDED CARE FACILITY)

Instructor: Mieczyslaw Peszczynski, M.D.

For: Undergraduate Medical Students, Graduate Medical Students, Nurses, Physical Therapists, Occupational Therapists

Description and Objectives:

To teach nurses what physical therapy and occupational therapy they can and should perform; to teach own staff geriatric rehabilitation.

Maximum Enrollment: 16; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1½ hours per week for 50 weeks; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

147 TEACHING ROUNDS, PHYSICAL MEDICINE AND REHABILITATION, GRADY MEMORIAL HOSPITAL

Instructor: Mieczyslaw Peszczynski, M.D.

For: Resident Physicians, Graduate Medical Nurses, Physical Therapists, Occupational Therapists

Description and Objectives:
To teach staff of Grady Memorial Hospital methods used in Physical Medicine and rehabilitation of patients.

Maximum Enrollment: 15; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per day for 50 weeks; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

148 TEACHING ROUNDS AT THE ATLANTA, GEORGIA VETERANS ADMINISTRATION HOSPITAL

Instructor: Mieczyslaw Peszczynski, M.D.

For: Undergraduate Medical Students, Graduate Medical Students, Nurses, Physical Therapists, Occupational Therapists

Description and Objectives:
Upgrade service level of Physical Medicine Department; prepare the department for participation in undergraduate and graduate training activities of RT-6; and prepare Physical Medicine Department to participate in RT-6 research activities.

Maximum Enrollment: 9; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per day for 50 weeks; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center

256 Woodruff Memorial Building
Atlanta, Georgia 30322

149 FIELD INSTRUCTION FOR GRADUATE SOCIAL WORK STUDENTS

Instructor: Suzanne M. Lomas, M.S.W.

For: Graduate Students in Social Work

Description and Objectives:
To complete field instruction phase of two-year educational program leading to Master of Social Work degree.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 50 weeks; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

150 SUMMER EMPLOYMENT PROGRAM FOR DISADVANTAGED YOUTH WITH COLLEGE POTENTIAL INTERESTED IN HEALTH CARE

Instructor: Suzanne M. Lomas, M.S.W.

For: High School Students

Description and Objectives:
To provide meaningful work experiences, raise aspirational levels, and increase interest in health careers. (In cooperation with the National Program Social and Rehabilitation Service.)

Maximum Enrollment: 9; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 12 weeks; June to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

151 HEALTH PROFESSIONS EDUCATION

Instructor: Suzanne M. Lomas, M.S.W.

For: High School and/or College Students

Description and Objectives:
To give students with an interest in a career in the health

professions an opportunity for in-depth exposure to all Allied Health Professions.

Maximum Enrollment: 4; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 12 weeks; June to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

152 MANAGEMENT THEORY IN HEALTH CARE

Instructors: Frances A. Curtiss, M.Ed.; Philip Adler, Ph.D.

For: Graduate Students in Physical Therapy and other Allied Health Professions

Description and Objectives:
Analysis of management principles, functions and responsibilities in health care; relationship of management theory to organizational structure of health institutions; applications of systems theory to health care.

Maximum Enrollment: 9; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 11 weeks; March to June

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

153 CLINICAL AFFILIATION—OCCUPATIONAL THERAPY STUDENT TRAINING

Instructors: David D. Clark, O.T.R.; JoAnn Ayoubi, O.T.R.; Barbara Beaumont, O.T.R.; Linda Murray, O.T.R.

For: Students from University of Alabama

Description and Objectives:
To provide clinical affiliation for University of Alabama students.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 12 weeks; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training

Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

154 HEALTH PROFESSIONS EDUCATION

Instructor: David D. Clark, O.T.R.

For: High School Students

Description and Objectives:
To interest high school students in the field of rehabilitation and especially in occupational therapy.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; total of 25 hours over 50-week period; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

155 IN-SERVICE EDUCATION FOR OCCUPATIONAL THERAPISTS

Instructor: David D. Clark, O.T.R.

For: Occupational Therapists, Physical Therapists

Description and Objectives:
To maintain or increase knowledge and skills of Center therapists, and to emphasize the teaching role of the Center.

Maximum Enrollment: 15; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 3 hours per day for 12 days; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

156 PRINCIPLES OF ADMINISTRATION, PHYSICAL THERAPY PROGRAM DIVISION OF AHP, EMORY UNIVERSITY SCHOOL OF MEDICINE

Instructors: Frances A. Curtiss, M.Ed., P.T. and Rehabilitation Administrator; Dr. Philip Adler, Ph.D.

For: Physical Therapy Graduate Students

Description and Objectives:

Study of basic principles of management, organization, and supervision. Relationship of management theory to organizational structure of health institutions. Analysis of basic management tasks.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 1¼ hours per day for 2 weeks; March to June

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

157 ARTHRITIS SEMINAR

Instructors: C.H. Wilson, Jr., M.D.; Robin de Andrea, M.D.; Frances Curtiss, M.Ed.

For: Physicians, Physical Therapists, Occupational Therapists, Nurses, Residents, Others

Description and Objectives:

This is a Postgraduate Seminar held every two years, designed to discuss in detail selected problems related to Arthritis. Topics discussed will be precisely chosen and accurately limited, aiming for depth. Essayists will be given enough time to develop each theme fully and have been requested to choose their data to convey practical understanding. No attempt will be made to cover the entire field of Arthritis.

Maximum Enrollment: 70; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 2 days

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

158 RESIDENCY PROGRAM IN PHYSICAL MEDICINE AND REHABILITATION

Instructors: Samuel B. Chyatte, M.D. and entire RTC Faculty

For: Physicians and Residents

Description and Objectives:

A continuous training program for physicians interested in specializing in the field of Physical Medicine and Rehabilitation. It is designed to aid the trainee to achieve the proficiency required to practice in the specialty.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 4 hours per day for 50 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

159 UNDERGRADUATE MEDICAL TRAINEESHIP

Instructors: Samuel B. Chyatte, M.D. and Physical Medicine and Rehabilitation Staff

For: First- and Second-Year Medical Students

Description and Objectives:

The emphasis of this program is applied clinical training dealing with the reactions of the impaired individual to his environment. Students are exposed to clinical and research situations as related to rehabilitation problems.

After a two-week comprehensive orientation, students are exposed to patients with a physical impairment and guided toward obtaining a history and performing a physical examination which will focus on the patient's capacity to perform in relation to his environment rather than the basic nature of his disease state. Highly individualized programs involve a range of experience from ongoing research to clinical exposure on wards and OPD. Stipends are paid to all participating students.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 56-84 days; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

160 RESIDENT PHYSICIAN INPATIENT ROUNDS

Instructor: Samuel B. Chyatte, M.D.

For: Resident Physicians, Medical Students

Description and Objectives:

Medical student in-depth exposure to rehabilitation. Resident training in Physical Medicine management.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 4 hours per day for 50 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

161 JOURNAL CLUB (PRESENTATION OF CURRENT MEDICAL TOPICS)

Instructor: Samuel B. Chyatte, M.D.

For: Resident Physicians, Staff Physicians, Medical Students

Description and Objectives:

A review of interesting clinical cases and the current literature for practicing Physical Medicine and Rehabilitation Physicians. Develop critical reading habits. Promote interphysician discussion.

Maximum Enrollment: 21; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 3 hours per day for 12 days; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

162 MUSCULAR DYSTROPHY TEACHING CLINIC

Instructor: Samuel B. Chyatte, M.D.

For: Resident Physicians and Medical Students

Description and Objectives:

Expose medical students and residents to management of the dystrophic patient. Expose medical students and residents to the principles of functional testing.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 3 hours per day for 24 days; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

163 BASIC ELECTRONICS AND INSTRUMENTATION

Instructor: Neal Nunnally, Ph.D.

For: Research Assistants, Residents, Vocational Rehabilitation Trainees, Physicians, Engineering Students

Description and Objectives:

To teach fundamental electronics, instrumentation and safety to the staff of the Research Division of the Emory University Regional Rehabilitation Research and Training Center and other members of the Department of Physical Medicine. The primary objective was to teach electrical hazards and safety for the protection of staff and patients.

Maximum Enrollment: 16; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per day for 8 days; May to July

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

164 WORK ADJUSTMENT AND VOCATIONAL TRAINING PROGRAM

Instructor: Eleanor M. Regenos

For: Mildly mentally disturbed or psychotic patients from Georgia Mental Health

Description and Objectives:

In conjunction with Mr. Maurice Mooney, Vocational Rehabilitation Services Director, a program has been designed to help people with mental problems ranging from mild (neurotic) to serious (psychotic) to rejoin the society from which mental illness has removed them.

Under the work adjustment program, they are assigned as laboratory assistants, clerical or secretarial work on a full-time basis or for as long as their therapy will allow.

They are evaluated on a monthly basis and at the completion of their stay at the hospital a recommendation may be given to the rehabilitation counselor for a specific job. We have recently hired one of these patients on a full-time basis who is now an extraordinary Research Assistant.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short- and Long-term; 8 hours per day; continuing program

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

165 COMPUTER SOFTWARE FAMILIARIZATION

Instructor: Harold Clifford, B.S.

For: Research Assistants, Physicians, Physical Therapists, Residents, Vocational Rehabilitation Trainees, Graduate Students, Medical Students

Description and Objectives:
To teach research personnel the fundamentals of computer programming and aid investigators in planning research projects with the goal of computerizing the data.

Maximum Enrollment: 18; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per day for 8 days; June to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

166 MEDICAL STUDENT LECTURES

Instructor: Samuel B. Chyatte, M.D.

For: First- and Second-Year Medical Students

Description and Objectives:
Part of the medical school curriculum and to introduce students to basic concepts and techniques of Physical Medicine and Rehabilitation.

Maximum Enrollment: 185; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 10 days; March to June

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

167 APPLIED REHABILITATION

Instructor: Samuel B. Chyatte, M.D.

For: Postgraduate Physicians, General Practice Physicians

Description and Objectives:
Orientation to the concepts and techniques of Physical Medicine and Rehabilitation for physicians in basically mental retardation or mental health facilities.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 60 days; September to November

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

168 PHYSICAL MEDICINE AND REHABILITATION RESIDENT TEACHING ROUNDS

Instructor: Robert L. Bennett, M.D.

For: Residents, Medical Students

Description and Objectives:
Expose residents and medical students to Physical Medicine and Rehabilitation problems and their management.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 3 hours per day for 24 days; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

169 CRIPPLED CHILDREN'S CLINIC

Instructor: Robert L. Bennett, M.D.

For: Residents, Medical Students

Description and Objectives:
Train residents in pediatric Physical Medicine management. Expose medical students to pediatric Physical Medicine management.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 4 hours per day for 12 days; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

170 ORTHOPEDIC RESIDENT TRAINING IN REHABILITATION RESEARCH

Instructor: John V. Basmajian, M.D.

For: Residents in Orthopedics

Description and Objectives:

Residents from Georgia Baptist Hospital, Emory and University are rotated for from 3 to 4 months through the Center. They become fully versed in techniques of research in biomechanics, bioengineering, electromyography, and general rehabilitation.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 5 hours per day for 12-16 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

171 KINESIOLOGY AND ANATOMY LECTURES

Instructor: John V. Basmajian, M.D.

For: First-Year Undergraduate Medical Students

Description and Objectives:

To awaken the interest of Emory medical students during their first year in the importance of rehabilitation problems.

Maximum Enrollment: 96; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 7 hours per day for 40 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

172 POSTDOCTORAL VISITING SCIENTISTS

Instructor: John V. Basmajian, M.D.

For: Visiting Scientists from U.S. and other countries

Description and Objectives:

To train in electromyography techniques.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 50 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

173 PHYSICAL MEDICINE AND REHABILITATION

Instructor: James A. Bailey, M.D.

For: Undergraduate Medical Students, Graduate Medical Students, Social Workers, Physical Therapists, Occupational Therapists

Description and Objectives:

To expose medical doctors and students to electromyography in diagnosis of lower motor neuron disease, and train them in electromyographic evaluation.

Maximum Enrollment: 18; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2½ hours per day for 31 days; March to April

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

174 MOTOR LEARNING AND CONTROL

Instructors: Carmella Gonnella, Ph.D.; William Ledbetter, Ph.D.; Samuel B. Chyatte, M.D.; Jackson H. Birdson, M.S.

For: Graduate Physical Therapy and Occupational Therapy Students

Description and Objectives:

Study aspects of motor learning and mechanisms of motor control; basic learning theories as applied to the acquisition of motor skills, neuromuscular control mechanisms involved in locomotion and motor skills; recent advances in bioengineering related to motor performance.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 4 hours per week for 1 week; January to March

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center

256 Woodruff Memorial Building
Atlanta, Georgia 30322

175 ORIENTATION AND OBSERVATION IN OCCUPATIONAL THERAPY IN AREA OF PHYSICAL DISABILITIES

Instructor: JoAnn Ayoubi, O.T.R.

For: Occupational Therapists, Occupational Graduate Students

Description and Objectives:
Observation of therapy; an orientation to clinical practice.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1-3 hours per day for 3 days; January to April

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

176 GRADUATE STUDENT SUPERVISION IN EMG RESEARCH

Instructor: John V. Basmajian, M.D.

For: Ph.D. Candidate

Description and Objectives:
To train in sciences underlying rehabilitation, graduate students at Emory University directly under instructor's tutelage.

Maximum Enrollment: 1; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1 hours per day for 100 days; October to April

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

177 TEACHING ROUNDS—RHEUMATOLOGY, VETERANS ADMINISTRATION HOSPITAL

Instructor: C.H. Wilson, Jr., M.D.

For: Residents and Fellows

Description and Objectives:
Teaching rounds.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 3 hours per week for 50 weeks; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

178 TEACHING ROUNDS—RHEUMATOLOGY, GRADY MEMORIAL HOSPITAL

Instructor: C.H. Wilson, Jr., M.D.

For: Resident Physicians, Fellows

Description and Objectives:
Teaching rounds.

Maximum Enrollment: 4; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per week for 49 weeks; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

179 RHEUMATOLOGY AND REHABILITATION

Instructor: C.H. Wilson, Jr., M.D.

For: Medical Students and Graduate Physicians

Description and Objectives:
Clinical training in the medical aspects of rheumatology; integration of the medical and rehabilitation aspects of rheumatology.

Curriculum content: Rheumatology conference (9 hours); rheumatology clinical conference (98 hours), rheumatology teaching rounds—Grady Memorial Hospital (98 hours); rheumatology teaching rounds—Veterans Administration Hospital (150 hours).

Maximum Enrollment: 60; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 7 hours per week for 50 weeks; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training

Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

180 RHEUMATOLOGY LECTURE SERIES

Instructor: C.H. Wilson, Jr., M.D.

For: Second- and Third-Year Medical Students

Description and Objectives:
To introduce students to the diagnosis, management and rehabilitation of the arthritic patient.

Maximum Enrollment: 183; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 3 days; September to November

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

181 PHYSICAL MEDICINE WARD, GRADY MEMORIAL HOSPITAL, TEACHING ROUNDS

Instructor: C.H. Wilson, Jr., M.D.

For: Resident Physicians, Nurses, Physical Therapists, Occupational Therapists, Fellows

Description and Objectives:
Teaching rounds.

Maximum Enrollment: 7; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1½ hours per week for 50 weeks; September to August

For Registration or Additional Information write to:
Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

182 MEDICAL MANAGEMENT OF THE PHYSICAL MEDICINE PATIENT

Instructor: C.H. Wilson, Jr., M.D.

For: Resident Physicians (Physical Medicine and Internal Medicine, Nurses, Physical Therapists, Occupational Therapists, Medical Students)

Description and Objectives:
Training of Physical Medicine and Rehabilitation Residents in total patient care. Exposure of Internal Medicine Residents to rehabilitation patient problems.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1½ hours per week for 50 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

183 CONFERENCE IN RHEUMATOLOGY

Instructor: C.H. Wilson, Jr., M.D.

For: Medical Staff and House Staff

Description and Objectives:
Teaching conference.

Maximum Enrollment: 60; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per month for 9 months; September to May

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

184 CLINIC CONFERENCE

Instructor: C.H. Wilson, Jr., M.D.

For: Staff Physicians (Orthopedics, Internal Medicine, Physical Medicine, Rehabilitation Fellows), Residents, Physical Therapists, Occupational Therapists, Medical Students

Description and Objectives:
Teaching conference.

Maximum Enrollment: 18; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per week for 49 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training

Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

185 MANAGEMENT WORKSHOPS

Instructors: Johanna Barbati, M.A.; Christine Hobart, D.B.A.; James Hund, Ph.D.; Jane Mathews, M.A., R.P.T.; Gary Luoma, Ph.D.; Sam Feitelberg, M.A., P.T.; Frances Curtiss, M.Ed.

For: Occupational Therapists and Physical Therapists

Description and Objectives:

The emphasis in this course will be placed on the manager as mediator between external environmental pressure and the internal strivings of the unit for which he or she is responsible. There must be the conviction that with knowledge of human behavior and the proper application of the tools of management, this person in authority can accept a leadership role. In this role the individual can create and maintain an environment within the organizational unit that facilitates growth in staff competencies while providing needed services. There should be recognition by the manager of his responsibility as a problem solver and his potential as an agent of change.

This workshop has been designed to occur in three phases during a three-month time period.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 10 days; June to October

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training
Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

186 CONFERENCES IN RHEUMATOLOGY FOR THE COMMUNITY

Instructor: C.H. Wilson, Jr., M.D.

For: Practicing Internists and Orthopedists

Description and Objectives:

Stimulate interest among community physicians in the total care of the arthritic patient.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per week for 32 weeks; September to August

For Registration or Additional Information write to:

Samuel B. Chyatte, M.D., Director of Training

RT-6

Emory University Regional Rehabilitation Research and Training Center
256 Woodruff Memorial Building
Atlanta, Georgia 30322

RT-7

Tufts University

187 STRATEGIES IN FUNCTIONAL ASSESSMENT

Instructors: Thomas P. Anderson, M.D.; et al.

For: Physicians, Allied Health Personnel

Description and Objectives:

A proposed three-day seminar to be held December 6, 7, 8, 1972. Interdisciplinary program, both speakers and trainees. Tuition will be charged.

Purpose: To examine the state of our understanding of the functional systems that are determinant in the rehabilitation process.

Main areas to be covered.

1. Current evaluation techniques.
2. How to convert from diffuse description to a succinct assessment.
3. Research and evaluation techniques—what data to collect, how to collect it, and how to organize the data for effective communication.
4. What new directions are needed, use of assessments in rehabilitation settings, utilization of data for effective programs, and reaction of handicapped persons to being studied.

Maximum Enrollment: 100; Outside Applicants Accepted; Academic Credit Available (16 credits American Academy of General Practice)

Schedule: Short-term; 8 hours per day for 3 days; December 6, 7, 8, 1972

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

188 REGIONAL SUPERVISORY SEMINARS AND REGIONAL SUPERVISORY ON-SITE VISITS

Instructors: Hubert Gerstman, D.Ed.; George Toomey, M.A.; Jack Katz, Ph.D.; Robert Goldstein, Ph.D.; Robert Brubaker, Ph.D.

For: Speech Pathologists

Description and Objectives:

The Speech, Hearing and Language Center provides supervision and consultation to several speech and hearing programs in Massachusetts. Many of the clinicians in these programs are in the process of completing their "Clinical Fellowship Year" prior to examination for the ASHA Certificate of Clinical Competence. Part of the supervisory program is constituted by a series of two to four seminars per month. These seminars serve several purposes:

1. To provide an opportunity for exchange of information relevant to persons working in their first professional year and first professional position.
2. To share experiences and reactions to clinical, administrative, and other professional activities and problems during the year.
3. To share reactions relative to evaluations and rehabilitation of specific pathologies.
4. To learn of "ways" to further the supervisee's "in service," "on the job training" and continuing education.
5. To otherwise "complete" and "fill in" the supervisee's academic and clinical training outside of any more formal academic pursuits (e.g., degrees, university courses).

The Speech, Hearing and Language Center at New England Medical Center Hospitals has contractual supervisory commitments to several hospitals in Massachusetts. They have been instrumental in formulating and establishing these hospitals' present programs, as well as recommending speech and hearing staff.

Visits are made to confer with administration, assist in design of speech and hearing facilities and ordering of equipment, aid in establishing structure of program (re: testing, therapy, schedules, fees), periodically assessing materials, quality and quantity of services, as well as being available for consultation by phone or in person regarding problems in any of the above-mentioned areas.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per day for 16 days; November 1972 to May 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

189 BASIC SCIENCES—OTOLARYNGOLOGY

Instructors: Hubert Gerstman, Ed.D.; Alan Schill, Ph.D.; Kenneth Randolph, Ph.D.; Lenore Daniels, M.A.

For: Otolaryngology Residents, Neurology Residents

Description and Objectives:

Tufts University School of Medicine conducts an otolaryngology residency training program for nine residents (M.D.'s) utilizing as training bases the Boston City Hospital and the New England Medical Center Hospitals. Besides the daily interaction between the Speech, Hearing and Language Department and the Ear, Nose and Throat Department in regard to the clinical management of patients seen by the two services, the Speech Hearing and Language Department renders instruction and training opportunities for the ORL (Neurology, etc.) rotating on to the Otolaryngology Service.

These special training opportunities consist of the following:

1. Each year each of the nine residents spends one full

week at the Speech, Hearing and Language Department at the New England Medical Center Hospitals for the purpose of training in the performance of audiologic evaluation procedures of patients, and an introduction to the purpose and methodology of speech and language management of patients with these disorders.

2. The ORL Department has an average of one-third of fourth year Tufts University School of Medicine students at a time, taking a full-time elective rotation either at the Boston City Hospital or the New England Medical Center Hospitals. These students spend varying amounts of time at the Speech, Hearing and Language Center for instruction in audiology and speech and language disorders.

A thorough understanding of audiologic evaluation is necessary for the adequate training of residents in the field of otolaryngology. The Speech, Hearing and Language Department meets this need adequately for our training program. In addition, it provides an adequate concept to the residents and fellows in matters pertaining to speech and language disorders.

Maximum Enrollment: 15; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; daily program with hours per day varying; October 1972 to July 1973

For Registration or Additional Information write to:
Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

190 HEARING AID DEALERS COURSE

Instructors: Hubert Gerstman, Ed.D.; Werner Chasin, M.D.; Edward Sullivan

For: Hearing Aid Dealers

Description and Objectives:

A four-month course sponsored by the Massachusetts Hearing Aid Society, Inc. and offered by the New England Medical Center Hospitals Speech, Hearing and Language Center.

Course is designed to train dealers to a minimal standard set by the National Hearing Aid Dealers Society.

Content: Psychology of Hearing and Listening; Physics of Sound and Speech; Overview of Physiology of Speech Production; Anatomy of the Ear; Tone Testing; Special Testing; The Audiogram; Audiometric Results; Indications for Amplification; Medical Aspects of Hearing Loss; Hearing Aid Functions, Performance and Fitting; Rehabilitation Measures for Infant, Child, Adult, Aging Adult; Dealer Responsibilities in the Total Rehabilitation Program; The Ear Mold; Unusual Fittings.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 3 hours per day for 15 days; November 1972

For Registration or Additional Information write to:

Mrs. Brenda Lund
Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

191 PHYSICAL AND REHABILITATION MEDICINE RESIDENT TRAINING PROGRAM

Instructors: Carl Granger, M.D.; et al.

For: Physicians

Description and Objectives:

A two- or three-year program to train and develop competent physiatrists who can be certified by the American Board of Physical Medicine and Rehabilitation to practice their specialty honorably in both academic and community medical settings.

Participation in regular departmental activities and rotation through scheduled phases of training lead the trainee to acquire increasing skills and responsibilities for recognition, management and ongoing assessment of the anatomical, mechanical, physiological, psychological, social, and environmental disabilities in patients with long standing or permanent impairment.

The program allows for rotation through our own in-patient service, adult consultation services, adult out-patient services, and pediatric in-patient and out-patient services. Time is allowed for certain elective rotations with other services; i.e., neurology and rheumatology.

Each three-year trainee is expected to complete a research project during his residency. There are numerous opportunities for teaching of paramedical personnel and medical students.

Residents attend and participate in Journal Club, new patient rounds, rehabilitation conferences, amputee-brace clinics, seminars, x-ray rounds, neuromuscular clinic, hand clinic, and medical committee.

Residents are able to take special courses in prosthetics and orthotics for adults and children. From time to time other special courses are available either at our own institution or elsewhere.

Opportunities are available to participate in teaching and consultative services which the department makes available to various nearby hospitals and institutions.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; Enter January 1973 or June 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

192 FALL RIVER HEALTH AIDE TRAINING PROGRAM

Instructors: Nicholas Ianuzzi, R.P.T.; Miss Hession, R.N.; David Greer, M.D.

For: High School Graduates

Description and Objectives:

This program is a direct response to RT-7 consultation 1970-1971 with Earl E. Hussey Hospital, employment of Summer Disadvantaged Youth Student, and the success of the Physical Therapy/Occupational Therapy Aide Training Program, #502.

Program development included the cooperative efforts of Earl E. Hussey Hospital, Diman Technical Institute, Nursing Home Administrators (Fall River), and RT-7 personnel. The former Nurses Aide Program at the vocational school has been deleted from the curriculum. On the basis of a study made on the needs of hospitals and nursing homes in the Fall River area, the new Nursing Assistants Course has been developed which includes rehabilitation methods and procedures. Hereinafter the project #504 will be known as the Fall River Nursing Assistant Training Program.

The course will be thirteen weeks in duration for a total of 380 hours. The first three weeks of training will be given at the Diman Technical Institute. Each student will have ten weeks of clinical on-the-job training consisting of two 4-week affiliations in hospitals, and one 2-week affiliation in a nursing home. During the ten weeks of clinical training the students will return to the Diman School one day a week.

Three classes of fourteen students each will be accommodated the first year. The first class will start September 6, 1972 through December 8, 1972. The second class, December 11, 1972 through March 16, 1973. And the third class March 19, 1973 through June 22, 1973.

In order to stimulate interest in the program and raise the level of competence, nursing homes will give employment preference to graduates of the course and also pay them higher wages.

Maximum Enrollment: 14; Outside Applicants Accepted (Fall River Area); Academic Credit Available

Schedule: Short-term; 8 hours per day for 65 days; September 6, 1972 to December 8, 1972; December 11, 1972 to March 16, 1973 and March 19, 1972 to June 22, 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

193 PRECLINICAL OCCUPATIONAL THERAPY AND OCCUPATIONAL THERAPY CLINICAL EDUCATION

Instructors: Judith Billey, O.T.R.; Margaret Rahn, O.T.R.; Tessa Dunning, O.T.R.; Nancy Stone, O.T.R.; Harriet Gordon, O.T.R.

For: Preclinical Occupational Therapists; Senior Occupational Therapists; Junior Occupational Therapists; Graduate Student Occupational Therapists

Description and Objectives:

Purposes of the preclinical affiliation are:

A. To give students a short, but concentrated, experience in one environment which they may be employed as occupational therapists. Ultimately, it may help them decide whether or not they wish to continue their studies in occupational therapy.

B. To provide students with concepts of the therapist-patient relationships through actual contact with patients.

C. To help students evaluate their own feelings about patients and disabilities, and their ability to relate to patients and professional personnel.

D. To introduce students to medical settings and to give them an opportunity to see interdepartmental relationships.

E. To provide foundations and concepts upon which future academic and clinical studies are developed.

Purposes of the clinical education program are to:

A. Develop the ability to analyze and segregate the processes of activities and present each process in logical order of appropriate level.

B. Develop the ability to report orally or in written form on purposes of treatment, treatment procedures and patient progress.

C. Develop the ability to analyze the situations, grasp essentials, reach sound conclusions, and plan necessary steps in accordance with priorities.

D. Develop the ability to appraise situations realistically and objectively.

E. Develop the ability to plan, present, execute and adjust patients' occupational therapy programs.

F. Develop the ability to obtain and keep patients' responses at desired levels.

G. Ability to demonstrate proficiency in treatment activities.

Maximum Enrollment: Varies; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day and number of days varies; September 1972 to October 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

194 PHYSICAL THERAPY CLINICAL EDUCATION

Instructors: Barbara Nichols, R.P.T.; Susan Clow, R.P.T.; Linnea McFadden, R.P.T.; et al.

For: Senior Physical Therapy Students

Description and Objectives:

Objectives:

1. Develop further understanding of the role of the physical therapist in rehabilitation.
2. Develop an awareness of the part which the social, economic, psychological and vocational factors play in rehabilitation.
3. Develop further understanding of the rehabilitation and "team" approach.
4. Develop an understanding of the administrative procedures necessary for quality and efficient patient care at the Rehabilitation Institute.

5. Develop further awareness of the need for adherence to medical ethics.
6. Develop an awareness of the need for and ability in verbal and written communication with patients, families and staff.

Maximum Enrollment: Varies; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day and number of days varies; September 1972 to August 1973

For Registration or Additional Information write to:
Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

195 CLINICAL EDUCATION—DENTAL ASSISTANT TRAINEES

Instructors: Hilde Tillman, D.M.D.; Mark Schiff, D.M.D.; Scott Lydick, D.M.D.; et al.

For: Dental Assistant Trainees

Description and Objectives:
To assist with patients with specific medical problems. Part of clinical training.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 15 days; September 1972 to June 1973

For Registration or Additional Information write to:
Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

196 SPECIAL PATIENT CARE

Instructors: Hilde Tillman, D.M.D.; Mark Schiff, D.M.D.; Scott Lydick, D.M.D.

For: Dental Students

Description and Objectives:
To teach comprehensive dental care as part of the total patient care in the Rehabilitation Institute. Students work with patients in a hospital setting, some confined to bed or in wheelchairs.

Maximum Enrollment: 5-6; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 3 hours per day 5 days per student; January 1973 to June 1973

For Registration or Additional Information write to:
Mrs. Brenda Lund, Supervisor of Training

171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

197 MUSCULO-SKELETAL SYSTEMS CURRICULUM AND SYLLABUS

Instructors: Henry Banks, M.D.; et al.

For: Second-Year Medical Students

Description and Objectives:

The entire undergraduate curriculum of the Tufts University School of Medicine underwent revision and the new curriculum is built around the organ systems approach. This second-year curriculum is composed of seven systems plus physical diagnosis. The responsibility for organizing the Musculo-Skeletal section of this curriculum was assumed by Dr. Everett Delabarre, Associate of the Tufts R&T Center and Associate Professor of Physical and Rehabilitation Medicine.

These new systems although two years in development have just finished their first year's presentation.

Objectives of the Musculo-Skeletal Systems Curriculum are:

1. To develop an appreciation of the importance of the property of kinesis, as subserved by the Musculo-Skeletal system, to the human organism. It is by this capacity that the environment can be investigated and manipulated and its dangers avoided. Impaired function resulting from disease, injury, or faulty development, can produce serious disability. The skeleton and muscles are not to be regarded as simple "supporting tissue."
2. To present to the student by a variety of means, the basic, anatomical, physiological, biochemical, and pathologic information necessary for an understanding of normal development and functioning of the musculo-skeletal system and its reactions to disease and trauma.
3. To demonstrate how this information is used in clinical situations by physicians concerned with disorders of this system, chiefly orthopedics, rheumatologists, and physiatrists.

Maximum Enrollment: 125; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 14 days; Spring 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

198 CLINICAL EDUCATION—DENTAL HYGIENE STUDENTS

Instructors: Hilde Tillman, D.M.D.; Mark Schiff, D.M.D.; Scott Lydick, D.M.D.

For: Senior Dental Hygiene Students

Description and Objectives:

To teach comprehensive dental care as part of the total patient care in the Rehabilitation Institute. Students work with patients in a hospital setting, some confined to bed or in wheelchairs.

To teach oral hygiene for patients in the Rehabilitation Institute as part of their daily living.

To help with the fabrication of splints and other devices so that the patient can maintain oral hygiene.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 15-20 days per student; September 1972 to June 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

199 TRAINING IN REHABILITATION MEDICINE FOR PHYSICIANS ASSISTANTS

Instructors: Everett Delabarre, M.D.; et al.

For: Experienced Medical Corpsmen

Description and Objectives:

Northeastern University demonstration project cosponsored by the Massachusetts Medical Society for experienced ex-medical corpsmen.

Tufts University School of Medicine faculty responsible for specific sections of the clinical curriculum.

Physical and Rehabilitation Medicine will give 24 hours of didactic material. As of January 1973, students will start rotating clinical Physical and Rehabilitation Medicine affiliations three days a week for six weeks each.

Objectives of the program are to:

1. Teach the student to assess medical data base for abnormalities and comprehensiveness.
2. Teach the student to assess common problems of kinesis.
3. Teach the student to assist in electrodiagnostic examinations.
4. Teach the student to assist in orthotic and prosthetic assessment.
5. Teach the student to evaluate rehabilitation patient status and estimate rehabilitation potential.
6. Teach the student to integrate rehabilitation findings with other specialty findings.
7. Teach the student to understand the impact of disability on the patient's life style and the interaction of personality factors.

Maximum Enrollment: 14; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day 3 days per week; January 1973 to September 1974

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

200 INTRODUCTION TO PATIENT TREATMENT

Instructor: Susan Clow, R.P.T., Physical Therapy

For: Third-Year Physical Therapy Students

Description and Objectives:

To assist the student in the application of theory to clinical practice. This is a preclinical course where students are given case histories for discussion and patients are presented for demonstration.

Maximum Enrollment: 24; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 4 hours per day for 4 days; April 1973 to June 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

201 PHYSICAL DIAGNOSIS

Instructors: Carl Granger, M.D.; Glen Gresham, M.D.; Everett Delabarre, M.D.; et al.

For: Second-Year Medical Students

Description and Objectives:

This is the physical medicine component of a full year course in physical diagnosis. Students are assigned to members of the medical staff and are given patient assignments for history taking and physical examination. Findings are discussed with individual instructors. The rehabilitation dental service instructs the students in rudiments of an oral exam and discusses oral pathology. The Speech, Hearing and Language Center discusses problems in aphasia.

Maximum Enrollment: 30; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 5 hours per day for 10 days; February 1973 to May 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

202 INTRODUCTION TO CLINICAL MEDICINE

Instructors: Cornelis Heijn, M.D.; Kenneth Robson, M.D.; Carl Granger, M.D.; et al.

For: First-Year Medical Students

Description and Objectives:

The course consists of full class sessions including presentation of patients for the purposes of illustrating the objective of the course, and small group (10 students) interview-demonstration-discussion sessions.

To demonstrate the interaction of internal and external forces that result in the predisposition and/or resistance to illness.

To communicate factors relevant to a patient's adaptation to an illness.

To examine some of the issues which facilitate or impair the doctor's adaptation to the patient, and vice versa.

To teach the student, both by practice and example, the means by which to gather from patients the major relevant factors in their illness.

Maximum Enrollment: 30; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 3 hours per day for 12 days; September 1972 to December 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

203 SUMMER STUDENT FELLOWS—REHABILITATION MEDICINE

Instructors: Anna Pomfret, M.D.; March Enders, M.D.; Carl Granger, M.D.; Everett Delabarre, M.D.

For: Medical Students

Description and Objectives:

A summer fellowship of on-the-job experience offered to first- and second-year medical students to introduce them to the field of rehabilitation in a meaningful way, and to help them to:

1. Utilize evaluation techniques in history taking and physical examination to uncover somatic and psychological impairments in the patient, or social impairments and architectural barriers in his environment.
2. Relate the impairments to reduced or destroyed function and resultant disability.
3. Recognize how disability affects the components of health.
4. Become familiar with the roles of members of the rehabilitation team.
5. Recognize the types of patients suitable for referral to rehabilitation and appreciate the importance of early referral.
6. Identify the assets within the patient and within his environment that can be mobilized and the therapeutic techniques applicable for implementation of the Rehabilitation Plan.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 49 days; June 1973 to August 1973

For Registration or Additional Information write to:
Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

204 CLINICAL ELECTIVE (MEDICAL STUDENTS ON PHYSICAL AND REHABILITATION MEDICINE ROTATION)

Instructors: Carl Granger, M.D.; Everett Delabarre, M.D.; March Enders, M.D.; Cornelis Heijn, M.D.

For: Third-Year Medical Students

Description and Objectives:

This is an elective rotation offered to third-year medical students. Students have the opportunity to do admitting histories and physical examinations on one or two patients per week, and gain experience in use of the programmed and problem-oriented records. They also help plan patient care and participate in all teaching and clinical conferences.

Objectives are as follows:

1. To increase student's skill in history taking and physical examination.
2. To provide practice in setting up and using problem-oriented records.
3. To provide knowledge of the special problems with which rehabilitation medicine is concerned.
4. To increase the student's ability to handle patient and staff relationships.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 28 days; March 1973 to April 1973

For Registration or Additional Information write to:
Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

205 APPLIED PHYSIOLOGY

Instructors: James Porter, M.D.; Everett Delabarre, M.D.; Anna Pomfret, M.D.; March Enders, M.D.; et al.

For: Senior Physical Therapy Students

Description and Objectives:

Course curriculum developed and coordinated by Dr. James Porter in cooperation with the Boston Bouve College of Northeastern University faculty for their Physical Therapy students.

To demonstrate pertinent physiological signs encountered in the evaluation and treatment of patients with physical disability and related disease. A practice laboratory is given in conjunction with this primarily didactic group of sessions.

Maximum Enrollment: 50; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 1½ hours per day for 10 days; January 1973 to March 1973

For Registration or Additional Information write to:
Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

206 MUSCULO-SKELETAL DISORDERS

Instructors: Joseph Meerschaert, M.D.; William Duane, M.D.; Carl Granger, M.D.; Brenda Lund, M.P.H.; et al.

For: Third-Year Occupational Therapy Students

Description and Objectives:

Course planned by Dr. Granger in cooperation with Boston School of Occupational Therapy. To present a base of knowledge for the management of musculo-skeletal disorders. Course includes: paralysis-contractures, deformities, spinal column disorders, bracing, gait and locomotion, pediatric disorders, medical and rehabilitation management of arthritis, principles of wound healing, physical therapy modalities, care of fractures and acute trauma, principles of reconstructive surgery, functional anatomy of the wrist and hand, splinting and bracing of the hand, electrodiagnostic techniques.

Maximum Enrollment: 25; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 13 days; February 1973 to May 1973

For Registration or Additional Information write to:
Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

207 ROLE OF THE NUTRITIONIST IN A REHABILITATION PROGRAM

Instructors: Nancy Brown, B.S. (R.D., M.Ed.); Madge Meyers, M.S.

For: Dietetic Interns, Graduate Students, Masters Level

Description and Objectives:

To comprehend the rehabilitation philosophy and the role nutrition plays as opposed to that of acute care of out-patient care philosophies.

To increase knowledge of treatment of chronically ill, physically handicapped, and emotionally ill patients and the diseases with which they are affiliated.

In the Rehabilitation Institute the intern experiences a new philosophy in her role as a nutritionist. Her previously acquired knowledge of nutrition and education are incorporated with the patient's goal of independence. By careful study of the patients, their histories and present and future plans, she adjusts her teaching methods to individually suit the patients and the entire rehabilitation team's goal.

To achieve this, the intern acquires a basic knowledge of the physical handicaps and chronic illnesses and carefully studies the purpose and approaches of the various paramedical disciplines on the rehabilitation team. She is aware of the nutritional problems and/or feeding problems patients in a Rehabilitation Institute have and becomes familiar with methods or resources by which she may solve these.

Maximum Enrollment: 6; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 24 days; November 1972 to October 1973

For Registration or Additional Information write to:
Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

208 ELDERLY FEEDING PROGRAM

Instructors: John Bolzan; Patricia Plummer, R.D.

For: Senior Citizens

Description and Objectives:

Mrs. Plummer has been involved with the Community Education Committee that is a joint effort of St. John of God Hospital and St. Elizabeth's Hospital. To date, she has participated in two discussion groups for senior citizens, one on health and one on heart disease to teach and answer questions on nutrition as part of a physician's lecture. These two groups were attended by approximately 60 senior citizens.

From these discussion groups, the need for a senior citizens hot lunch program became evident. Mrs. Plummer has served as consultant with the Community Education Committee to arrange through the Bureau of Nutrition, Education and School Food Services of the State Department of Education to start such a feeding program. Application material has been submitted and the situation seems favorable that this program will begin later in 1972. Once the lunch program is underway, the Nutrition Center plans to provide educational programs for the elderly in conjunction with the lunch program, primarily with graduate student participation.

Maximum Enrollment: 100; Outside Applicants Not Accepted (Members of Community Only); Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day per month; Fall 1972

For Registration or Additional Information write to:
Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

209 SPEECH PATHOLOGISTS CLINICAL EDUCATION

Instructors: Frances Godine, M.A.; Wilma Krasik, M.S.; Susan Moore, M.S.; et al.

For: Speech Pathologists, Undergraduate and Graduate

Description and Objectives:

To obtain experience in a hospital setting.

To gain experience in a wide variety of cases at various age levels.

To provide the students with a full-time opportunity to sharpen their clinical skills under the supervision of experienced practitioners.

Maximum Enrollment: varies; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 3-8 hours per day and number of days varies per month for 1-3 months; November 1972 to June 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

210 AUDIOLOGISTS CLINICAL EDUCATION

Instructors: Barry Freeman, M.A.; Rebecca Rovin, M.S.; Gretchen Syfert, M.A.

For: Graduate Student Audiologists

Description and Objectives:

To further clinical training in a hospital setting with a wide variety of cases at various age levels. To include general patient service, special procedures, patient counselling and follow-up.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 4-6 hours per day and number of days varies 2 weeks to 5 months; November 1972 to May 1973

For Registration or Additional Information write to:

Mrs. Brenda Lund, Supervisor of Training
171 Harrison Avenue (Box 852)
Boston, Massachusetts 02111

RT-8

Temple University

211 REHABILITATION MEDICINE FOR STAFF PHYSICIANS AND RESIDENTS—TEMPLE UNIVERSITY HOSPITAL

Instructor: Richard Chidsey, M.D.

For: Physicians and Other Interested Health Care Personnel

Description and Objectives;

The goals of this course are to familiarize attending medical staff of Temple University Hospital with principles of rehabilitation and encourage greater cooperation and utilization of resources. The above goals will also be sought with the surrounding community physicians and health care personnel. The course content includes:

1. Applications of rehabilitation
    a. election of patients;
    b. specific conditions;
    c. resources available;
    d. goals of rehabilitation in specific applications.
2. Rehabilitation of neurologically impaired.
3. Rehabilitation of orthopedically impaired.
4. Rehabilitation of cardiopulmonary impaired.
5. Rehabilitation of peripheral vascular diseases.
6. Rehabilitation of children.
7. Rehabilitation of intellectually impaired.

Maximum Enrollment: undetermined; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per day for 10 days; Fall 1972

For Registration or Additional Information write to:
Richard Chidsey, M.D.
Department of Rehabilitation Medicine
Temple University Hospital
Philadelphia, Pennsylvania 19140

212 INSTITUTE ASSESSMENT IN REHABILITATION PSYCHOLOGY

Instructor: Philip Spergel, Ed.D.

For: Psychologists, Rehabilitation Counselors, Vocational Counselors, etc., interested in assessment of individuals with physical handicaps

Description and Objectives:

The purpose of this institute will be to familiarize rehabilitation professionals with the theory and practice of assessment in the rehabilitation process. The immediate goal is to provide each professional discipline with the information and application of the complex process of assessment that occurs in rehabilitation psychology. This will include not only psychological testing but the process of interviewing, work evaluation, behavioral observations, etc. The long-range goal and the ultimate objective of the institute is to provide the rationale for the existence and utilization of evaluation from various vantage points as an important process in the rehabilitation effort. Testing for brain damage, writing perceptual prescriptions, diagnosing behavioral problems, etc., will be presented.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 10 hours per day for 2 days; Fall 1972

For Registration or Additional Information write to:
Philip Spergel, Ed.D.
Moss Rehabilitation Hospital
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

213 PHYSICAL MEDICINE AND REHABILITATION IN-SERVICE TRAINING

Instructor: Robert M. Mabel, Ph.D.

For: Staff (Administrators, Physicians, Nurses, Occupational Therapists, Physical Therapists, Speech Pathologists, Psychologists, Social Workers, Secretaries, Aides, Assistants) of Krusen Rehabilitation Center

Description and Objectives:

The major objective of the in-service training program is improved total patient care. The need for keeping abreast with current professional trends is internalized by voluntary attendance. Interest is enhanced by the intersectional sharing of knowledge and experiences during discussion. Topics have been so structured to provide avenues for staff developmental processes at all levels.

Maximum Enrollment: Open; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 1½ hours per day for 20 days; October 1972 to May 1973

For Registration or Additional Information write to:
R. Mabel, Ph.D.
Department of Physical Medicine and Rehabilitation
Temple University Hospital
Philadelphia, Pennsylvania 19140

214 RESIDENCY TRAINING IN PHYSICAL MEDICINE AND REHABILITATION

Instructor: Dorothea Glass, M.D.

For: Residents in Physical Medicine and Rehabilitation

Description and Objectives:

This program is designed to train physicians according to the requirements for the specialty of physiatry as established by the American Board of Physical Medicine and Rehabilitation.

During the first year of training, residents are assigned to inpatient rehabilitation bed services for three-month rotations among an 18-bed general rehabilitation service at Temple University Hospital, and three categorical rehabilitation services at Moss Rehabilitation Hospital of 20 beds each, including an Amputee and Peripheral Vascular Disease Service, and Neurological Rehabilitation Service including stroke, and a Spinal Cord Injury Post-Orthopedic Rehabilitation Service. The emphasis for the second-year residents is on training and increasing responsibility, under the close supervision of a staff physiatrist, for physiatric consultation on patients referred for evaluation and prescription for musculoskeletal, neurosensory, peripheral vascular, and cardiopulmonary rehabilitation, at Temple University Hospital and Albert Einstein Medical Center. They were also assigned to the PM&R outpatient clinics at these hospitals. One-third of the year was served on the Pediatric Rehabilitation Service at Moss Rehabilitation Hospital. The third-year resident is given increased responsibility for inpatient and outpatient consultations at Temple University and Moss Rehabilitation Hospital and for supervision and teaching of the first- and second-year residents and other trainees under staff supervision. He performs advanced electrodiagnostic procedures in both clinical and research problems. An organized two-year program of daily lectures, seminars, and conferences in the pertinent basic sciences and clinical subjects as related to Rehabilitation Medicine was a required part of the schedule of the residents in the first two years.

Maximum Enrollment: 15; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; full-time, ongoing program

For Registration or Additional Information write to:

Dorothea Glass, M.D.
Moss Rehabilitation Hospital
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

215 DIAGNOSTIC PRACTICUM FOR DOCTORAL STUDENTS—ASSESSMENT OF ORGANIC BRAIN PATHOLOGY

Instructor: Robert M. Mable, Ph.D.

For: Clinical Psychology Students (Doctoral)

Description and Objectives:

The primary objective of this program is to expose clinical students to a population of patients they would not ordinarily see during the course of their training. They will be given an opportunity to apply their clinical skills toward assessing the extent of organic involvement in patients with brain damage. By concentrating on this population they will become better acquainted with the diagnostic tools used in this area and feel more comfortable in the future when confronted with similar patients.

Content: The doctoral level clinical psychology students will be assigned to patients in the hospital who have suffered brain damage. Their goal will be to conduct a complete psychodiagnostic evaluation using the test and interview techniques that they have become familiar with during the course of their training. After one or two supervised sessions of interpretation, the students present the case in clinical practicum in the Psychology Department at Temple University.

Maximum Enrollment: 28; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 3 hours per day for 28 days; September 1972 to May 1973

For Registration or Additional Information write to:
Robert M. Mable, Ph.D.
Chief, Psychology Service
Krusen Rehabilitation Center
Temple University Hospital
Philadelphia, Pennsylvania 19140

216 INTERNSHIP PROGRAM FOR CLINICAL AND REHABILITATION PSYCHOLOGISTS IN PHYSICAL MEDICINE AND REHABILITATION

Instructor: Robert M. Mabel, Ph.D.

For: Doctoral students in clinical psychology

Description and Objectives:

The purpose of this program is to provide doctoral-level students in clinical and rehabilitation psychology with comprehensive training in physical rehabilitation. At the end of the internship it is expected that the students will have acquired a wide range of clinical and research skills directly applicable to Physical Medicine and Rehabilitation.

Content: All interns will be exposed to the many activities in which the Psychology Department is involved. Emphasis will be placed on the multidisciplinary approach to rehabilitation and each intern will be oriented to the role played by each section within rehabilitation medicine. Interns in this program will gain extensive experience in the administration and interpretation of many of the personality, aptitude, and organicity tests used in psychology and their application within rehabilitation. Interns will also assume a major role in the psychotherapeutic management of patients on the rehabilitation service. Patient rounds and Rehabilitation Medicine grand rounds will be attended by the intern at which time he will share with the other members of the department the results of testing and impressions he has formed during his contact with the patient. Seminars will be held regularly with topic-oriented discussions and instructional sessions relating both to rehabilitation psychology and psychology in general. Specific readings in the areas of psychology and rehabilitation psychology will be assigned for future discussion among interns and staff.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 4 months; September 1972 to January 1973 and January 1973 to May 1973

For Registration or Additional Information write to:

Robert M. Mabel, Ph.D.
Department of Physical Medicine and Rehabilitation
Temple University Hospital
Philadelphia, Pennsylvania 19140

217

NEUROPHYSIOLOGY AND ELECTROPHYSIOLOGY LECTURE SERIES

Instructor: Richard Herman, M.D.

For: Residents in Rehabilitation Medicine, Neurology, Neurosurgery, and Doctoral Students in Biomedical Engineering

Description and Objectives:

Neurophysiology and electrophysiology are taught separately on alternating years. The input is designed to provide a firm physiological base for those in clinical and engineering practice and to establish a practical basis for the clinical practice of electromyography.

Maximum Enrollment: Open; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 32 days; October 1972 to May 1973

For Registration or Additional Information write to:

Richard Herman, M.D.
Korman Research Laboratory
Room 114, 12th and Tabor Road
Philadelphia, Pennsylvania 19141

218

SENIOR ELECTIVE IN PHYSICAL MEDICINE AND REHABILITATION

Instructor: Arthur Silverman, M.D.

For: Senior Medical Students

Description and Objectives:

The objective of the training is to acquaint the student with the knowledge and skills of the physiatrist through the medium of a preceptorship.

Content: The students' roles are defined more as interns where they are assigned to the 18-bed Rehabilitation Service at Temple University Hospital. They are given some patient responsibility in terms of initial work-up under the supervision of the resident and attending physician. They attend regular morning rounds and all conferences and teaching rounds made available to the residents. They participate in the patient care conference weekly and are given the opportunity of leading the conference regarding selected patients. Some time is given to consultative and outpatient evaluations. They participate in the weekly resident conference, kinesiology and anatomy review sessions.

Maximum Enrollment: Open; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 7 hours per day covering 30 days; given on request

For Registration or Additional Information write to:

Arthur Silverman, M.D.
Department of PM&R
Temple University Hospital
Philadelphia, Pennsylvania 19140

219 JUNIOR MEDICAL STUDENTS IN THE MUSCULOSKELETAL CURRICULUM

Instructor: Arthur Silverman, M.D.

For: Junior Medical Students, Temple University School of Medicine

Description and Objectives:

The goal of this course is to expose medical students to the various approaches to musculoskeletal disorders. By pooling the resources of each of the medical specialties represented in this course, the student is given a view of the necessary integration of many aspects of medicine in patient care.

Maximum Enrollment: commensurate with size of class; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; two 1-hour sessions, three 1-hour sessions, and one 2-hour session covering 7 days; November 1972

For Registration or Additional Information write to:

Arthur Silverman, M.D.
Department of Rehabilitation Medicine
Temple University Hospital
Philadelphia, Pennsylvania 19140

220 SENIOR DENTAL STUDENT CLERKSHIP—DENTISTRY FOR THE CHRONICALLY ILL AND HANDICAPPED

Instructors: Gilbert Zayon, D.D.S. and Jack Zafran, D.D.S.

For: Senior Dental Students

Description and Objectives:

The clerkship seeks to introduce the dental student with limited clinical experience to a segment of the population with which he does not come into contact in the school clinic, i.e., the chronically ill or handicapped person who cannot obtain normal dental services as does the "well-ambulatory" person, and to present basic concepts relating to the theory and practice of dentistry in typical clinical situations. It is highly probable that if a dental student is not exposed to this type of training he will, upon graduation, be less apt to understand and thus fully accept the chronically ill or disabled as his patients. The rehabilitated person with residual chronic disease or handicap needs dental attention to maintain a functional level of health.

Maximum Enrollment: Not Applicable; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 3 hours per day for 28 days once per week; September 1972 to May 1973

For Registration or Additional Information write to:
Gilbert Zayon, D.D.S. or Jack Zafran, D.D.S.
Oral Research Laboratories
Krusen Center for Research and Engineering
Moss Rehabilitation Hospital
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

221 APHASIA STUDY GROUP

Instructor: Adeline Schultz, M.Ed.

For: Speech pathologists practicing or teaching in rehabilitation

Description and Objectives:

The objectives of the Aphasia Study Group are to provide opportunities for professional exchange regarding problems in the evaluation and treatment of aphasia and to provide opportunities for professional growth through the medium of didactic lectures in areas of related interest.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2½ hours/session monthly for 9 months; September 1972 to May 1973

For Registration or Additional Information write to:
Adeline Schultz, M.Ed., Speech Services
Moss Rehabilitation Hospital
Philadelphia, Pennsylvania 19141

222 DISCUSSION GROUPS FOR STAFF OF THE DEPARTMENT OF REHABILITATION MEDICINE

Instructor: Robert Mabel, Ph.D.

For: Professional and supportive level PM&R staff from physical therapy, occupational therapy, transportation service, and nursing

Description and Objectives:

The training groups are designed to promote an informal exchange of ideas and feelings relating to both patient care and interpersonal staff relations. Problems in many areas are dealt with toward the end of helping the participants cope more comfortably and effectively with similar situations should they arise in the future. An important objective for the group is greater awareness of and more skill in dealing with their attitudes and feelings.

Maximum Enrollment: 12 per group; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per day 1 day each week per group; ongoing program

For Registration or Additional Information write to:

Robert Mabel, Ph.D.
Department of Physical Medicine and Rehabilitation
Temple University Hospital
Philadelphia, Pennsylvania 19140

223 SEMINAR IN BIOENGINEERING, NEUROPHYSIOLOGY, PSYCHOPHYSIOLOGY, AND CLINICAL NEUROLOGY

Instructor: Richard Herman, M.D.

For: Graduate Students in Engineering at Drexel University, Krusen Center Research Staff, Staff of the Department of Anatomy at Temple University School of Medicine, Other Hospital Staff

Description and Objectives:

The training program emphasizes a linkage between the life and engineering sciences. It attempts to bridge a gap between the rehabilitation process existing between neurobiology and clinical practice by defining both biologically and clinically the physiological processes intrinsic to major disabilities.

Maximum Enrollment: 75; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours/day once monthly; ongoing program

For Registration or Additional Information write to:

Richard Herman, M.D.
Krusen Center for Research and Engineering
Moss Rehabilitation Hospital
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

224 VIDEOTAPES OF GROUP REHABILITATION COUNSELING

Instructor: Philip Spergel, Ed.D.

For: All levels of Medical and Paramedical Staff

Description and Objectives:

The objective of videotaping group rehabilitation counseling sessions is primarily to familiarize physicians and other staff members who work intimately with the patient with the psychological aspects of physical disability, its emotional ramifications, and the manner in which the problems associated with interpersonal relationships are dealt with in groups. This will enable the hospital personnel to develop a better and broader understanding of patients from a psychodynamic as well as physical standpoint.

Maximum Enrollment: Not Applicable; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; program not suited to predetermined scheduling of time and dates

For Registration or Additional Information write to:
Philip Spergel, Ed.D.
Chief, Psychology Service
Moss Rehabilitation Hospital
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

225 DENTAL INTERN TRAINING—DENTISTRY FOR THE CHRONICALLY ILL AND HANDICAPPED

Instructors: Gilbert Zayon, D.D.S.; Jack Zafran, D.D.S.

For: Dental Interns and Residents from Albert Einstein Medical Center

Description and Objectives:

The objective of the dental intern training will be to enhance the level of training of interns and residents with emphasis on improving their skills when applied to special oral problems of chronically ill and handicapped patients. The concommitant handling of the population group and treating their special dental problems can often affect future dental problems in a positive manner. For example, an arthritic or stroke patient may experience difficulties in inserting or removing a removable prosthesis, because of loss of finger strength and dexterity. Yet, by judicious treatment of several key teeth, a nonremovable or fixed prosthesis can be constructed and the patient would not be further handicapped by not being able to use their fingers. In this area, the dental specialist in root canal therapy (endodontics) can serve a vital function by treating patients in clinical surroundings that also afford many valuable experiences. The general dentist or prosthodontist also can contribute to the patient's oral rehabilitation by designing devices that can be easily handled and maintained by the patient or family member.

Maximum Enrollment: 4; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day 1 day/month/student for 6 months; dates vary

For Registration or Additional Information write to:
Gilbert Zayon, D.D.S. or Jack Zafran, D.D.S.
Oral Research Labs
Krusen Center for Research and Engineering
Moss Rehabilitation Hospital
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

226 REHABILITATION WORKER TRAINEE PROGRAM

Instructors: Stanley Wendkos, R.P.T. and Marcia Scharf, O.T.R.

For: Rehabilitation Workers from Comprehensive Health Services Program

Description and Objectives:

This input into the training of the Rehabilitation Worker is designed to provide on-the-job training in a hospital rehabilitation center. Thus, the trainee is given the opportunity to observe and participate in the rehabilitative care given by the Occupational Therapy and Physical Therapy Department to acute patients and to the patient with chronic physical disabilities requiring intensive physical rehabilitation.

Maximum Enrollment: undetermined at this time; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; hours and dates undetermined at this time

For Registration or Additional Information write to:

Stanley Wendkos, R.P.T.
Department of PM&R
Temple University Hospital
Philadelphia, Pennsylvania 19140

227 UNDERGRADUATE MEDICAL CLERKSHIP IN PHYSICAL MEDICINE AND REHABILITATION

Instructor: Dorothea Glass, M.D.

For: Senior Medical Students

Description and Objectives:

The clerkship is designed to provide interested and qualified students with a supervised clinical experience, to acquaint them with the multifaceted role of the physiatrist working with the chronically ill and/or physically disabled and to demonstrate to them in a tangible way the concepts of "team" functioning.

This is accomplished by assigning the student to one of the three 20-patient bed services or the 10-bed Pediatric Service at Moss Rehabilitation Hospital, or the 18-bed Rehabilitation Service at Temple University Hospital.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; full-time for 30 days; offered on request

For Registration or Additional Information write to:

Dorothea Glass, M.D.
Moss Rehabilitation Hospital
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

228 INTRODUCTION TO CLINICAL MEDICINE

Instructor: Arthur Silverman, M.D.

For: Sophomore Medical Students

Description and Objectives:

The aim is to teach medical students the basic principles of patient evaluation and disability evaluation and those techniques used in taking a history, electrodiagnosis, and techniques of physical examination which are the basic skills necessary in disability evaluation.

Content: Students are taught: essentials of history-taking; essentials of a physical examination; muscle testing; joint range of motion measurement; functional testing; and disability evaluation and electrodiagnosis.

Maximum Enrollment: Commensurate with size of class; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 3 hours/week for 6 weeks; September 1972

For Registration or Additional Information write to:
Arthur Silverman, M.D.
Department of Physical Medicine and Rehabilitation
Temple University Hospital
Philadelphia, Pennsylvania 19140

229 FELLOWSHIP IN RHEUMATOLOGY

Instructor: George Ehrlich, M.D.

For: Physicians who have completed residencies in Internal Medicine

Description and Objectives:

The objectives of this fellowship are threefold: (1) to provide adequate graduate training to qualified physicians previously trained in internal medicine; (2) to practice the subspecialty of rheumatology; and (3) to participate in training programs as well as clinical and laboratory research.

Content: The fellowship explores clinical aspects, including diagnosis and treatment, as well as research aspects of rheumatology. The training for the clinical fellow emphasizes supervision of the Arthritis Center's in-patients; answering teaching service consultations; attending Arthritis Clinic; participating in or conducting clinical studies (including drug evaluations); attending seminars and symposia and the annual postgraduate course at New York University; attending meetings of rheumatism associations; and preparing work for publication. The research fellow attends grand rounds, team conference (which the clinical fellow plans) and Clinic, but otherwise is engaged in laboratory research.

Maximum Enrollment: 4; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; full-time program for 1 year; dates vary

For Registration or Additional Information write to:
George Ehrlich, M.D.
Albert Einstein Medical Center
York and Tabor Roads
Philadelphia, Pennsylvania 19141

230 BASIC CONCEPTS OF EMG AND NCV AS THEY RELATE TO OTHER MEDICAL SPECIALTIES

Instructor: Arthur Silverman, M.D.

For: Physicians who have specialized in Plastic Surgery, Rheumatology, and ENT and Orthopedics

Description and Objectives:

Plastic surgeons, rheumatologists, orthopods and otolaryngologists often request electrodiagnostic tests for their patients. However, there is often a need for instruction in the fine points of the indications, evaluation, and interpretation of such tests. The goal of this course is to increase the physician's understanding of the electrodiagnostic techniques as they relate to his specialty.

The content covers EMG and NCV theory and practice: (1) physiology, (2) electrical principles, (3) apparatus, (4) techniques, (5) normal patterns, (6) specific abnormal patterns, (7) anatomical aspects, (8) clinical aspects, (9) indications and value.

Maximum Enrollment: Open; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per day for 3 days; lectures given on request

For Registration or Additional Information write to:

Arthur Silverman, M.D.
Department of Rehabilitation Medicine
Temple University Hospital
Philadelphia, Pennsylvania 19140

231 JUNIOR MEDICAL STUDENTS IN NEUROLOGY CURRICULUM

Instructor: Arthur Silverman, M.D.

For: Junior Medical Students, Temple University School of Medicine

Description and Objectives:

The objectives of this lecture series are to instruct the students in some of the disease entities most frequently dealt with in rehabilitation medicine. To this end, students are given information about the specialty of rehabilitation medicine. This series is designed to influence the students to view this specialty as a possible career choice as well as an important aspect of patient care.

Content: The following topics were discussed in terms of the scope and significance of the disability, methods of evaluation, and medical and rehabilitation management: paraplegia, arthritis, hemiplegia, amputation, peripheral neuropathy, and electrodiagnostic techniques.

Maximum Enrollment: 100; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 1 hour per day for 4 days; October to November 1972

For Registration or Additional Information write to:
Arthur Silverman, M.D.
Department of Rehabilitation Medicine
Temple University Hospital
Philadelphia, Pennsylvania 19140

232 WORK-STUDY PROGRAM FOR HIGH SCHOOL STUDENTS

Instructor: Philip Spergel, Ed.D.

For: Cheltenham High School Student (Senior)

Description and Objectives:

The immediate objective of the work-study program in rehabilitation psychology is to provide the student with a hands-on experience in a health career. The ultimate goal is to motivate the student to continue his education in rehabilitation psychology or a rehabilitation-related profession.

Content: The work-study program was designed to meet the student's educational needs and to build on his capabilities. The student received specific instruction in the following areas: (1) administration of work samples; (2) administration and scoring of paper and pencil psychological tests; (3) supportive counselling with younger patients.

Maximum Enrollment: 2; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 3 hours per day for 9 months; September 1972 to May 1973

For Registration or Additional Information write to:
Philip Spergel
Chief, Psychology Service
Moss Rehabilitation Hospital
12th and Tabor Road
Philadelphia, Pennsylvania 19141

233 PSYCHOLOGY OF THE PHYSICALLY HANDICAPPED

Instructors: Dominic V. DeCencio, Ph.D.; Robert Mabel, Ph.D.

For: Senior (Undergraduate) Physical Therapy Students

Description and Objectives:

The objectives of this course are to enable the student to develop:

1. An understanding of the general psychological implications of physical disability and chronic illness;
2. An understanding of personality changes associated with disability, their adaptive elements and their relationship to the continuum of normal behavior;
3. An understanding of the psychologist's role and the tools he uses;
4. Familiarity with relevant theories and research;
5. The ability to modify his approach to patient treatment based on his understanding of psychological factors.

Content: This course will cover the following areas: phases of personality development; self-concept and body image; adjustment and coping mechanisms; the meaning of disability; role changes and disability; role of the psychologist; assessment techniques; social aspects of the rehabilitation process; adaptation to stress; psychodynamics of physical disability; relevant personality theories; cerebral organic conditions—intellectual and personality changes; psychological aspects of traumatic disability; disabilities of gradual onset; chronic illness; aging; learning theory applications; motivation; attitude change and behavior modification.

Maximum Enrollment: 30; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 15 days; January to May 1973

For Registration or Additional Information write to:
Robert Mabel, Ph.D.
Department of Physical Medicine and Rehabilitation
Temple University Hospital
Philadelphia, Pennsylvania 19140

234 MANUAL FOR MANAGING THE DISABLED PATIENT IN THE DENTAL OFFICE

Instructor: Jack Zafran, D.D.S.

For: Dentists and Dental Students

Description and Objectives:

The object of the manual is to provide an illustrated description of transfer activities, special patient problems, supportive and assistive devices and wheelchair handling techniques. Initial distribution will be done by the Journal of the Pennsylvania State Dental Association in their regular mailing. It is anticipated that national distribution will be provided by the American Dental Association. This is meant to reach a large population in the dental field and provide information on the disabled patient which most professionals and students would not otherwise receive.

Maximum Enrollment: Not Applicable; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Not Applicable

For Registration or Additional Information write to:
Jack Zafran, D.D.S.
Oral Research Laboratories
Krusen Center for Research & Engineering
Moss Rehabilitation Hospital
12th and Tabor Road
Philadelphia, Pennsylvania 19141

235 THEORY AND PRACTICE: BIOKINETICS LABORATORY RESEARCH

Instructor: F. Ray Finley, Ph.D.

For: College Students, High School Students

Description and Objectives:

(1) To introduce students to the scientific method of research and the use of statistical procedures; (2) To describe and apply tests and measurement in research; (3) To provide an orientation to the recording and measurement procedures in the Biokinetics Laboratory.

Rehabilitation Significance: Rehabilitation as an extended concept implies a multidisciplinary approach. Many specialties work in concert for the benefit of the patient or client. This concept was constantly demonstrated and reinforced throughout the training session by the harmonious interplay of therapists, nurses, physician, engineers, psychologists, and social workers. The interdisciplinary approach was not just taught as an ideal but was reduced to practical application as a way of life in a rehabilitation hospital. Scientific research is a directed, practical way of bringing about progress in the rehabilitation field. The students participating in this training project are introduced to the methodology of research and observe how it is applied in the delivery of health care.

Maximum Enrollment: 8; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per day for 8 days; June 1973 to July 1973

For Registration or Additional Information write to:

F. Ray Finley, Ph.D.
Krusen Center for Research and Engineering
Moss Rehabilitation Hospital
12th and Tabor Road
Philadelphia, Pennsylvania 19141

236 WORKSHOP FOR ANIMAL TECHNICIAN TRAINING

Instructor: James Vargas, B.S.

For: High School Students

Description and Objectives:

1. To introduce students to the principles of laboratory animal care;
2. To teach the students the role of animals in the scientific framework;
3. To inspire disadvantaged youths to pursue career opportunities in the broad field of scientific research.

Content: "The Workshop for Animal Technician Training" teaches the students the principles of laboratory animal techniques and the theory and practical application of the equipment. The course content includes:

1. The history of the laboratory animal in research, and the growth of the specialty of laboratory animal care;
2. The role of the laboratory animal technician;
3. The relationship of the animal to his environment;
4. Care of the different species—hygiene, bedding, feeding, etc.

Maximum Enrollment: Not Applicable; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 20 days; dates vary

For Registration or Additional Information write to:
Mr. James Vargas
Director, Animal Laboratory
Korman Research Laboratory
12th and Tabor Road
Philadelphia, Pennsylvania 19141

237 NEUROSENSORY CURRICULUM

Instructor: Richard Herman, M.D.

For: Freshman and Sophomore Medical Students (T.U.)

Description and Objectives:

The objectives are to familiarize the students with pathophysiological principles related specifically to the course presented and generally to the disease process described.

Content. It is proposed that the following departments will participate in presentations: Anatomy, Physiology, Pharmacology, Neurosensory Curriculum. The content will be as follows: Anatomy: kinesiology, abnormal movement disorders, specific neuromuscular diseases; Physiology: principles and clinical problems related to specific dysfunctions; Pharmacology: neuropharmacology, use of drugs for such conditions as spasticity and control of bladder function, learning disorders.

Maximum Enrollment: 323; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 32 days; September 1972 to May 1973

For Registration or Additional Information write to:
Richard Herman, M.D.
Chairman, Department of Rehabilitation Medicine
Temple University Hospital
Philadelphia Pennsylvania 19140

238 MULTIDISCIPLINARY FELLOWSHIP PROGRAM

Instructor: Martin Leshner, Ph.D.

For: Students currently registered in academic programs leading to degrees or certificates in any of the following fields: Medicine; Clinical, Counseling, Social and Physiological Psychology; Occupational Therapy; Physical Therapy; Speech Pathology; Dentistry; Social Work, Social Welfare, Social Administration; Biomedical Engineering; Vocational Rehabilitation Counseling; Rehabilitation Administration

Description and Objectives:

The objectives of the Multidisciplinary Fellowship Program are to provide a meaningful learning experience in substance areas related to rehabilitation of the physically disabled and/or chronically ill; to offer the student the opportunity to actively participate in a clinical or research experience in the discipline of his choice; and to give the student the opportunity to see how his work is integrated into the total functioning of the rehabilitation team.

Maximum Enrollment: Commensurate with funding level; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 8 weeks; November 1972 to November 1973

For Registration or Additional Information write to:
Martin Leshner, Ph.D.
Suite 810, Beury Building
3701 North Broad Street
Philadelphia, Pennsylvania 19140

239 SYMPOSIUM ON PERIPHERAL ARTERIAL DISEASE: DIAGNOSIS, MEDICAL AND SURGICAL TREATMENT, AMPUTATION, CURRENT PROSTHETIC CONCEPTS

Instructor: Richard A. Chidsey, M.D.

For: Physicians and paramedical personnel

Description and Objectives:

The symposium is designed to provide comprehensive review and discussion of current concepts of diagnosis, medical and surgical treatment and lower extremity prosthetic techniques and to inform and disseminate information to practicing physicians.

Maximum Enrollment: 150; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 2 days; October 27 to October 28, 1972

For Registration or Additional Information write to:
Richard Chidsey, M.D.
Department of Rehabilitation Medicine
Temple University School of Medicine
Philadelphia, Pennsylvania 19140

240 PATIENT ADVOCATE PROGRAM

Instructor: Philip Spergel, Ed.D.

For: Undergraduate Student majoring in Psychology or Multidisciplinary Fellowship Student

Description and Objectives:

The objective of this program is to train disabled individuals who are former patients to provide psychological support and guidance under supervision to patients with a variety of disabilities. The trainee provides an additional communication input between the patient and the professional staff. The trainee assists the patient in problems related to activities of daily living, personal hygiene, family interaction, educational planning, etc.

Maximum Enrollment: Open; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 40 days; June 1973 to August 1973

For Registration or Additional Information write to:

Philip Spergel, Ed.D.
Moss Rehabilitation Hospital
12th Street and Tabor Road
Philadelphia, Pennsylvania 19140

241 INTERDISCIPLINARY COURSE IN NEUROLOGY DEPARTMENT

Instructor: Richard Herman, M.D.

For: Junior and Senior Medical Students

Description and Objectives:

The lectures are: (1) Spasticity and its Control; (2) Neurology Problems with Pediatric Patients; and (3) Neuropharmacology. The goals of this lecture series are to furnish information concerning pathophysiological processes, functional disturbances and treatment of certain neurosensory disturbances and to implement other training activities which are concerned with rehabilitation care of the neurologically disabled.

Maximum Enrollment: Commensurate with class size; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 3 days; January to May 1973

For Registration or Additional Information write to:

Richard Herman, M.D.
Temple University Hospital
Department of PM&R
Philadelphia, Pennsylvania 19141

242 OCCUPATIONAL THERAPY WORKSHOP IN TREATMENT TECHNIQUES FOR SENSORIMOTOR DYSFUNCTION

Instructors: Marcia Scharf, B.S.O.T. and Allison Dea, B.S.Ed.

For: Occupational Therapists

Description and Objectives:

The goals of the workshop are as follows: (1) To offer a better understanding of the neurophysiological bases of treatment techniques with patients who have neurological disorders; (2) To learn evaluative procedures used with the patient in order to determine the applicability of treatment techniques under guidance of experienced therapists; (3) To attain proficiency in applying techniques independently; (4) To evaluate these procedures compared to traditional procedures; (5) To extend professional knowledge and competency that participants can in turn share with other OT's.

Maximum Enrollment: 100; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 5 hours per day for 5 days; Spring 1973

For Registration or Additional Information write to:

Allison Dea, B.S.Ed.
Moss Rehabilitation Hospital
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

243 BIOMECHANICS AND BIOELECTRICITY FOR PHYSICAL MEDICINE RESIDENTS

Instructor: F. Ray Finley, Ph.D.

For: Physical Medicine Residents

Description and Objectives:

The purpose of this lecture series is to review the principles of biomechanics and bioelectricity and to relate these to practical applications in rehabilitation medicine for first- and second-year residents in physical medicine. Included in the curriculum are the following: (1) Biomechanics — (a) general introduction, (b) forces and motion, (c) work and energy, (d) machines and mechanisms, (e) properties of matter, (f) general application; (2) Electronics — (a) basic concepts, (b) passive circuit elements, (c) AC and DC, (d) electronic equipment, (e) instrumentation; (3) Orientation to Research — (a) scientific method and (b) research design.

Maximum Enrollment: Not Applicable; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 1 hour per day for 17 days; November 1972 to February 1973

For Registration or Additional Information write to:

F. Ray Finley, Ph.D.
Krusen Center for Research and Engineering
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

244 SENIOR DENTAL ELECTIVE

Instructors: Jack Zafran, D.D.S. and Gilbert Zayon, D.D.S.

For: Senior Dental Students

Description and Objectives:

The purpose of the senior dental elective is to provide the dental student with a structured exposure to rehabilitation dentistry so that he can gain first-hand knowledge of dental treatment for the chronically ill and/or physically disabled. This type of exposure produces empathy for the patient, increased skill in patient management, and increased confidence in dealing with disabled patients. It is also expected that the student will generalize this experience to all his future professional relationships.

A reluctance on the part of the patient to receive dental

138

care is surpassed by reluctance of most dental students and dentists to give dental care. A negative attitude exists on the part of the practitioner because of ignorance and inexperience in lack of contact with this population during academic training.

The senior dental elective is designed to give a future practitioner the opportunity to overcome an initial apprehensiveness about treating "sick" patients. Consequently, the trainee becomes a dedicated and skilled practitioner who is aware of the dental needs in the disabled population. In the broader view, the training illustrates one way of changing attitudes towards a little-chosen specialty of dentistry and sets the pattern for similar training in the future.

Furthermore, patients undergoing rehabilitation should have dentistry included among the various disciplines in order to promote better mastication and, therefore, better nutrition, better speech through proper prosthetic replacements, and better cosmetics.

Maximum Enrollment: 1; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2-3 hours per day 1 day/week for 9 months; October 1972 to June 1973

For Registration or Additional Information write to:
Jack Zafran, D.D.S.
Oral Research Laboratories
Krusen Center for Research and Engineering
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

245 REHABILITATION DENTISTRY FOR THE CHRONICALLY ILL AND HANDICAPPED PEDIATRIC PATIENT

Instructors: Gilbert Zayon, D.D.S. and Jack Zafran, D.D.S.

For: Graduate Dentists, Dental Assistants, Dental Interns, Dental Residents

Description and Objectives:

The objective of this training is to acquaint graduate dentists, dental interns, residents and assistants with the problems and procedures encountered in rehabilitation dentistry of the pediatric patient. Emphasis is placed on methods of patient management with special attention given to ways of utilizing clinical facilities, cross-discipline consultation, and prescription of long-range dental treatment goals which can be integrated into the patient's dental rehabilitation program.

Oral care of the handicapped or chronically ill child is pertinent in rehabilitation with respect to reduction of infection potential, maintenance of the developing chewing apparatus, and control of deviant tongue habits as they affect swallowing and speech. Training dentists to concern themselves with the multiple problems of the child and with the investigation into methods of delivering oral health care to those patients should broaden the base of dentists who will be available to render such care.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 3 hours per day 1 day/week for entire year; February 1972 to April 1973

For Registration or Additional Information write to:
Gilbert Zayon, D.D.S.
Oral Research Laboratories
Krusen Center for Research and Engineering
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

246 SEMINAR IN PERIPHERAL VASCULAR DISEASE FOR PODIATRISTS

Instructor: Jack B. Gorman, D.P.M.

For: Podiatrists

Description and Objectives:

The purpose of this two-day seminar is to instruct podiatrists from the community in the evaluation of peripheral vascular disease in their patients. Emphasis will be placed on special considerations regarding treatment which must be taken into account in patients with peripheral vascular disease. The following is a tentative list of the presentations which will be included in the seminar: (1) Diagnosis and initial care of peripheral arterial disease of the lower extremities; (2) Podiatric treatment of patients with peripheral vascular disease at Moss Rehabilitation Hospital; (3) Recent non-invasive techniques in the evaluation of the peripheral blood flow; (4) Diabetes and other systemic diseases involving the lower extremities; (5) Surgical consideration in the patient with peripheral vascular disease; (6) Peripheral vascular disease in pediatric practice; (7) Panel discussion: evaluation of peripheral vascular surgical cases.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days, Winter 1972

For Registration or Additional Information write to:
Jack B. Gorman, D.P.M.
Moss Rehabilitation Hospital
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

247 ADVANCED ANIMAL TECHNICIAN TRAINING—CHELTENHAM HIGH SCHOOL

Instructor: James Vargas, B.S.

For: Cheltenham High School Seniors

Description and Objectives:

The course is designed to motivate academically talented students to pursue a scientific career. Specifically the students are introduced to various elements of work in the animal laboratory including surgical scrubbing and assisting in surgery, evaluation of disease in animals, and post-surgical care of animal.

Maximum Enrollment: 5; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 20 days; March to May 1973

For Registration or Additional Information write to:
James Vargas, B.S.
Krusen Center for Research and Engineering
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

248 ANIMAL TECHNICIAN TRAINING AT SIMON GRATZ HIGH SCHOOL

Instructor: James Vargas, B.S.

For: High School Juniors and Seniors from Simon Gratz High School

Description and Objectives:

The objective of this course is to provide a theoretical orientation to laboratory animal care. A more generalized goal is to expose the students to the scientific approach and to motivate the students to pursue a medically-oriented scientific career.

Maximum Enrollment: 25; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 18 days; April to May 1973

For Registration or Additional Information write to:
James Vargas, B.S.
Krusen Center for Research and Engineering
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

249 ORIENTATION TO MEDICAL PROBLEMS IN THE COMMUNITY FOR ADULT COMMUNITY RESIDENTS

Instructor: James Vargas, B.S.

For: Adult Residents of the North Philadelphia Community

Description and Objectives:

The objective is to make community residents more aware of the medical problems as they exist in their neighborhood. It is expected that this heightened awareness will improve the health of the trainees. They will also become more aware of the health services available to them in the community.

Maximum Enrollment: Open; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 4 hours per day for 1 day; April to May 1973

For Registration or Additional Information write to:
James Vargas, B.S.
Krusen Center for Research and Engineering
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

250 TRAINING IN PEDIATRIC REHABILITATION—ELIZABETHTOWN STATE CRIPPLED CHILDREN'S HOSPITAL

Instructor: Richard Herman, M.D.

For: Residents in Rehabilitation Medicine

Description and Objectives:

To provide an unusual and unique program in Pediatric Rehabilitation with specific emphasis on neurosensory disabilities in a child. The objective is to offer second- and third-year Residents a clinic experience in which they can acquire an adequate background in Pediatric Neurology, Growth and Development, Developmental Disabilities and Organization of Therapeutic Program. The practical emphasis is upon the child with cerebral palsy, myelomeningocele, the minimal brain dysfunctions, the muscular dystrophy, etc. The training program is related to the practice of Pediatric Electromyography.

Maximum Enrollment: 2 Residents a week; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 7 hours a day; ongoing

For Registration or Additional Information write to:
Richard Herman, M.D.
Department of Rehabilitation Medicine
Temple University Hospital
Philadelphia, Pennsylvania 19140

251 VOCATIONAL COUNSELOR TRAINING PROGRAM

Instructor: Thomas Matsko, M.S.

For: Vocational Rehabilitation Field Counselors

Description and Objectives:

The objectives of this program are the following: (1) To provide information about and opportunities for observation of adult aphasic patients who might be candidates for vocational rehabilitation; (2) to provide information leading to increased understanding of the vocational needs of adult aphasics; (3) To provide cooperative planning between vocational counselors and speech clinicians for vocational planning and placement of adult aphasics. The course itself will consist of the following topics: introduction and rationale, the nature of aphasia, testing procedures and interpretations, therapeutic approaches, communicating with the aphasic, family relationships, physical problems, and vocational problem-solving.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1-3 hours per day for 3 days; September 1972 to February 1973

For Registration or Additional Information write to:

Thomas Matsko, M.S.
Moss Rehabilitation Hospital
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

252 CLINICAL NEUROPSYCHOLOGY—PRACTICUM

Instructor: Robert M. Mabel, Ph.D.

For: Doctoral level clinical psychology students

Description and Objectives:

The purpose of this practicum is to complement the course in Clinical Neuropsychology given at the main campus of Temple University. It provides the students with clinical experiences so that they become more familiar with the behavioral and cognitive correlates of organic brain pathology. Also, it better prepares them to enter an internship in rehabilitation psychology. Students participating in this practicum learn the administration and interpretation of the Halstead Neuropsychology Test Battery. They work with at least two patients and are closely supervised in technique and interpretation.

Maximum Enrollment: Open; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 14 days; September 1972 to January 1973

For Registration or Additional Information write to:

Robert M. Mabel, Ph.D.
Department of Rehabilitation Medicine
Temple University Hospital
Philadelphia, Pennsylvania 19140

253 ONE-DAY SEMINAR: DENTISTRY FOR THE CHRONICALLY ILL AND AGED

Instructors: Gilbert Zayon, D.D.S. and Jack Zafran, D.D.S.

For: Dentists

Description and Objectives:

The objectives of this one-day seminar will be to provide dentists and their paradental personnel in the community with an overview of an area of dental practice that is not taught in local dental schools. The increasing population of the aged, chronically ill and handicapped deserves the attention of the community dentist, particularly with the onset of forthcoming health maintenance organization programs.

A tentative list of areas which will be covered in the seminar include: (1) Identifying the oral problems of the chronically ill and aged patient; (2) Defining the goals of oral therapeutics within the context of the patient's total rehabilitation program; (3) Management of the physically handicapped patient; (4) Psychosocial problems related to obtaining dental care.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 1 day; November or December 1972

For Registration or Additional Information write to:
Gilbert Zayon, D.D.S.
Oral Research Laboratories
Krusen Center for Research and Engineering
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

254 RESEARCH SEMINAR—KRUSEN CENTER FOR RESEARCH AND ENGINEERING

Instructor: Richard Herman, M.D.

For: Staff of Krusen Research Center, Invited Guests

Description and Objectives:
The seminar serves as a medium for dissemination of information relevant to selected ongoing research projects within the center. Research staff are given the opportunity to exchange ideas about their projects and critique their colleagues' work.

Maximum Enrollment: Open; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 9 hours per day for 1 day (held 6 times during year, bimonthly); ongoing

For Registration or Additional Information write to:
Richard Herman, M.D.
Krusen Center for Research and Engineering
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

255 REHABILITATION NURSING AFFILIATION FOR PUBLIC HEALTH NURSES

Instructor: Florence Kern, R.N., B.S.

For: Registered Nurses

Description and Objectives:
The objectives of this intensive four-week clinical experience are to assist the public health nurse to: identify nursing problems associated with specific severe disabilities and to formulate nursing care plans for individual patients, to evaluate the patient's ability to function in activities of daily living, to increase their basic nursing knowledge in the area of preventing deformities and assisting the patient to maintain maximum function with his abilities, and to increase her skills as a teacher

of rehabilitation nursing techniques. Trainees participate as members of the rehabilitation team and thereby develop an understanding of the role of other disciplines involved in the rehabilitation process. Emphasis is placed on appreciating the psychosocial aspects of physical disability. The curriculum is comprised of four units of one-week duration each: arthritis; spinal cord injury; CVA; and peripheral vascular disease, amputation, diabetes, and pulmonary. Included in the teaching methods are didactic lectures, conferences, supervised clinical experiences, demonstrations, printed materials, and audiovisual aides.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 20 days; February to March 1973

For Registration or Additional Information write to:
Florence Kern, R.N.
Moss Rehabilitation Hospital
12th Street and Tabor Road
Philadelphia, Pennsylvania 19141

RT-9

The George Washington University

256 GROUP THERAPY FOR PSYCHOGENIC ASTHMA PATIENTS

Instructors: Halla Brown, M.D.; Richard Rogers, M.D.

For: Patients with a Diagnosis of Psychogenic Asthma

Description and Objectives:

To teach patients diagnosed with Psychogenic Asthma to control these factors that bring about an attack.

Group sessions are held once a week for one hour. Eight to twelve patients whose conditions have been confirmed as Psychogenic Asthma participate in the program. The sessions are conducted by Dr. Halla Brown, Director of Allergy Clinic of GWU Medical Center, and Dr. Richard Rogers, a Psychiatrist.

The purpose of these group sessions is to instruct the patients about the nature of their illness, and to help each of them to discover the emotional and psychological states which precipitate an asthmatic attack. The majority of the participants learn to control these factors and thus help in their individual treatments.

These therapy sessions are structured so that rehabilitation personnel who have the background for this particular type of work can also be trained to work with asthmatic patients.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day 1 day per week; September 1972 to September 1973

For Registration or Additional Information write to:

Halla Brown, M.D.
The Geo. Wash. Univ. Medical Center
Allergy Clinic
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

257 COMMUNITY AND STAFF CONFERENCES

Instructors: John Naughton, M.D.; Mahmoud Mourad, M.D.

For: Physicians, Rehabilitation Counselors, Physical Therapists, Social Workers, Nurses, Occupational Therapists, and other health workers

Description and Objectives:

To provide continuing education for medical and nonmedical personnel involved in rehabilitation and work with the disabled.

The community and staff conferences are held every Thursday morning from 8 to 9 a.m., throughout the year, to provide physicians and other personnel engaged in rehabilitation with continuing education in Rehabilitation Medicine and rehabilitation practices. Each conference consists of a discussion on a special topic chosen on the basis of current interest or need, followed by a question and answer period participated in by the audience. Patients are presented in the conferences. Slides, movies, and other audiovisual aids are also used.

Maximum Enrollment: 100; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day 1 day a week; continuing program

For Registration or Additional Information write to:
John Naughton, M.D.
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

258 TRAINING PROGRAM IN ADOLESCENT PSYCHIATRY FOR VOCATIONAL COUNSELORS

Instructor: William Tompkins, M.D.

For: Vocational Rehabilitation Counselors

Description and Objectives:

To provide Vocational Rehabilitation Counselors with information regarding the problems of adolescents and the management of juvenile delinquents.

This training program will be in the form of consultations, individual or in groups, with the Psychiatric Staff of the Rehabilitation Research and Training Center of The George Washington University regarding the psychiatric problems of the adolescent clients or juvenile delinquents who comprise the caseloads of these counselors. These consultations will provide an opportunity to the counselors, not only to discuss specific problems with the psychiatrists, but to obtain information on various topics of Psychiatry which pertain to their work, and make possible on-the-spot teaching conferences which will result in a better management of their cases.

This program will be prepared in consultation with the DVR Agencies so that it can be tailor-made to meet their needs in this important area of Rehabilitation.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; dates and time to be set

For Registration or Additional Information write to:
William Tompkins, M.D.
George Washington University Hospital
Washington, D.C. 20037

259 CONTINUING EDUCATION FOR COUNSELORS IN THE DEPARTMENT OF VOCATIONAL REHABILITATION

Instructors: John Naughton, M.D.; Wm. Tompkins, M.D.; and others

For: Vocational Rehabilitation Counselors

Description and Objectives:

A weekly seminar series is conducted for sixteen weeks for counselors in the Department of Vocational Rehabilitation. Drs. John Naughton and William Tompkins are the co-directors. The course context was developed in response to the perceived needs of the counselors through the submission of a questionnaire. Twenty counselors are enrolled and meet with the co-directors every Wednesday from 8:30 to 10 a.m. for sixteen consecutive sessions. A counselor initiates each session by presenting a problem case illustrative of the topic under discussion. The co-directors serve as resource personnel to develop and to explore the clinical problem the counselor wishes resolved. The counselors are awarded a certificate at the completion of the course.

Sessions will include such topics as: Arthritis, Neurology, Cardiology, Pulmonary Disorders, Emotional Aspects of Long-term Illness and Alcoholism and Drug Addiction.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1½ hours per day for 16 days; entire year

For Registration or Additional Information write to:

John Naughton, M.D.
George Washington University Medical Center
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

260 PHYSIOLOGY OF EXERCISE TESTING AND TRAINING OF CORONARY DISEASE PATIENTS AND CORONARY PRONE SUBJECTS: PRINCIPLES, TECHNIQUES, APPLICATIONS AND EFFECTS

Instructor: John Naughton, M.D.

For: Physicians, Health Educators, Physiologists

Description and Objectives:

An intensive one-week postgraduate course was conducted in April 1972. The staff included internationally recognized experts in various aspects of cardiac rehabilitation from the United States and abroad. The students included physicians, health educators and physiologists. The curriculum included didactic, open discussion, workshops and audiovisual methods of communication. The course covered all aspects of the rehabilitative process for the survivors of a myocardial infarction, and the material will be published in a monograph.

Two seminars of one-week duration will be held in January 1973 and in April 1973 duplicating the April 1972 seminar.

Maximum Enrollment: 200; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 12 hours per day for 7 days; January 1973 to April 1973

For Registration or Additional Information write to:

John Naughton, M.D.
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

261 VISUAL AIDS FOR SUBNORMAL VISION

Instructor: Roberto N. Sunga, M.D.

For: Ophthalmology Residents

Description and Objectives:

Rotation in the Low Vision Clinic is part of the residency training program of the Department of Ophthalmology. The resident learns the techniques of evaluation and visual rehabilitation of patients with subnormal vision. He becomes familiar with the optical principles and uses of the different visual aids. He also participates in the research activities of the clinic.

Maximum Enrollment: 3; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 30 days; entire year

For Registration or Additional Information write to:

Mansour Armaly, M.D., Chairman
Department of Opthalmology
George Washington University Medical Center
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

262 AN EXPLORATION OF SOCIAL PROBLEMS IN REHABILITATION MEDICINE

Instructor: John Naughton, M.D.

For: Graduate and Undergraduate Students

Description and Objectives:

A one-semester seminar course is conducted under the supervision of Dr. John Naughton for seminar students enrolled in a course in Social Behavior at The George Washington University. The students work in various health-related agencies to fulfill some of the course requirements, and meet with Dr. Naughton at weekly intervals to discuss the relevance and irrelevance of the health care system to the needs of the society. The discussions are informal and designed to make the student the real participant. The goal is to develop an appreciation of the needs for improved rehabilitation services in the community and to stimulate the students to appraising their future responsibilities in meeting the identified needs.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 16 days; Spring Semester 1973

For Registration or Additional Information write to:

John Naughton, M.D.

George Washington University Medical Center
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

263 PROBLEMS IN REHABILITATION ADMINISTRATION FOR HEALTH CARE ADMINISTRATION STUDENTS

Instructors: John Naughton, M.D.; RT-9 Staff

For: Graduate Students in Health Care Administration

Description and Objectives:

A one-semester course is offered graduate students in Health Care Administration. The emphasis of the course is directed toward problems of administration related to the implementation of rehabilitation programs. Course credit is given. The staff includes members of the RT Center as well as other experts in the University and Greater Washington Metropolitan area. The format of each session includes a 45-minute lecture followed by a 45-minute summation and open question and answer period.

Maximum Enrollment: 100; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 1½ hours per day for 16 days; Fall Semester 1973

For Registration or Additional Information write to:

John Naughton, M.D.
George Washington University Medical Center
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

264 TRAINING IN PSYCHOSOMATIC MEDICINE

Instructor: Melvin Stern, M.D.

For: House Staff and Undergraduate Medical Students

Description and Objectives:

To provide an elective rotation for House Staff and Undergraduate Medical Students interested in the field of Psychosomatic Medicine.

This training program is being planned for members of the House Staff and Undergraduate Medical Students who have an interest in the broad field of Psychosomatic Medicine. It will include ward rounds, teaching conferences, and actual exposure to the diagnostic techniques and the management and treatment of these patients. The trainees will also participate in ongoing research endeavors and will be encouraged to initiate their own research projects.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day for 20 days; September 1972 to September 1973

For Registration or Additional Information write to:

Melvin Stern, M.D.
George Washington University Hospital
Washington, D.C. 20037

265 TEAM APPROACH TO REHABILITATION FOR NURSES

Instructors: William Tompkins, M.D.; Irene Tamagna, M.D.; and others

For: Nurses from all units of the GWU Hospital

Description and Objectives:

To expose the nurses from the various wards of the GWU Hospital to the team concept in rehabilitation.

This training program will be in the form of a rotation schedule similar to the one that is followed by members of the House Staff of the GWU Hospital. It is based on the philosophy that the rehabilitation process should start while the patient is still in the hospital, and in order for this to be made more a reality than a mere concept, the nurses from all the wards of the hospital will be assigned to the Rehabilitation Ward on a rotating basis. This rotation will not only make the nurses more aware of the rehabilitation of the patient, regardless of what his acute medical condition is, but will give them actual experience and training in the management, handling and care of the rehabilitation patient. This will make possible their exposure to the multidisciplinary approach to Rehabilitation and acquaint them with Physical Therapy, Occupational Therapy, and all the modalities and techniques that are employed to rehabilitate a patient.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; dates and time to be set

For Registration or Additional Information write to:
William Tompkins, M.D.
George Washington University Hospital
Washington, D.C. 20037

266 A SURVEY COURSE FOR TEACHERS WORKING WITH EXCEPTIONAL CHILDREN IN FAIRFAX COUNTY

Instructors: John Naughton, M.D.; RT-9 Staff

For: Teachers for Exceptional Children

Description and Objectives:

A one-semester survey course is offered to teachers working in the Virginia School System and teaching the exceptional child. The course is structured to review the pathology of cerebral palsy, mental retardation and other disabilities with which the teachers come into day-to-day contact. Each session is a two-hour session equally divided between didactic presentation and open discussion.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 2 hours per day 1 day a week for 10 weeks; Spring Semester 1973

For Registration or Additional Information write to:
John Naughton, M.D.
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

267 SPORTS MEDICINE FOR HEALTH EDUCATION STUDENTS

Instructor: John Naughton, M.D.; et al.

For: Graduate Students in Health Education

Description and Objectives:

A didactic and practicum is offered as part of the graduate education program for students in Health, Physical Education and Recreation during the second semester. The course consists of sixteen sessions which meet on Mondays from 6-8 p.m. Sixteen to twenty students can be accommodated. The course includes lectures on the basis of human performance, practical demonstrations of techniques of exercise testing and emergency cardiac care and applied clinical sessions on selected topics in Sports Medicine. The curriculum is as follows: What is Sports Medicine?; Exercise Testing; Cardiopulmonary Physiology; Electrophysiology; Environmental Factors and Performance; Mechanisms of Football Injuries; Metabolic Adaptations to Exercise; Muscle Physiology; Injuries of Muscle and Joints; Physical Modalities Used in Sports Injuries; and Drugs and Physical Performance.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 2 hours per day 1 day/week; Spring Semester 1973

For Registration or Additional Information write to:
John Naughton, M.D.
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

268 CLINICAL HUMAN PERFORMANCE CONFERENCE

Instructors: Patrick Gorman, M.D.; John Naughton, M.D.; Samuel Fox III, M.D.

For: Investigators Concerned with Human Performance

Description and Objectives:

A one-hour teaching session is conducted each Friday from 3-4 p.m. to discuss practical and clinical aspects of human performance. The conference is directed by Dr. Patrick A. Gorman and is attended by the investigators working in the area of human performance, physical medicine and rehabilitation residents, cardiology fellows and medical students. The average weekly attendance is ten. The sessions are open to other individuals in the Washington, D.C. areas interested in problems of exercise testing, cardiac rehabilitation, and exercise electrocardiography. The sessions deal with basic problems in stress and exercise physiology, interpretation of test results and the application of principles of work physiology to the constructing of an exercise prescription. The teaching staff includes Drs. Samuel M. Fox III and John Naughton.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day for 50 days; entire year

For Registration or Additional Information write to:
John Naughton, M.D.
George Washington University Medical Center
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

269 REHABILITATION MEDICINE FOR GRADUATE STUDENTS IN REHABILITATION COUNSELING

Instructors: John Naughton, M.D. and others

For: Graduate Students in Rehabilitation Counseling

Description and Objectives:

A one-semester survey course in medical problems is presented to graduate students enrolled in Rehabilitation Counseling. The teaching staff includes members of the RT Center. The sessions meet weekly and course credit is provided. The sessions include a 45-minute lecture followed by a 45-minute seminar and open discussion period. The course is open to social workers and to vocational rehabilitation counselors working in the greater metropolitan Washington area. The curriculum and staff includes: Drug Abuse — John LaRosa, M.D.; Pulmonary Disease — Harold Silver, M.D.; Cardiac Problems — John Naughton, M.D.; Neurological Diseases — William Tompkins, M.D.; Alcoholism — Stephen Wolin, M.D.; Prosthetics and Orthotics — William Fortune, M.D.; Renal Diseases — Irene Tamagna, M.D.; Developmental Disabilities — Gloria Eng, M.D.; Posture and Gait in Disease — Mahmoud Mourad, M.D.; Spinal Cord Injury — Wu Shung Chiu, M.D.; Social Work in Hospital Setting — Mrs. Rose Meyer; Aphasic Patients — Miss Linda Brissman; Schizophrenic and Psychopathic Behavior — Melvin Stern, M.D.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1½ hours per day 1 day/week; Fall Semester

For Registration or Additonal Information write to:
John Naughton, M.D.
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

270 CLINICAL ASPECTS OF ALCOHOLISM

Instructor: Steven Wolin, M.D.

For: Medical Students

Description and Objectives:

Second-year medical students at The George Washington University Medical School attend a one-hour lecture on the causes and pathogenesis of the alcoholism problem, diagnostic procedures and treatment. Third-year medical students attend seminars of one hour a day for 10 to 12 weeks with the RT-9 Psychiatrist, Dr. Wolin, for greater in-depth study of the alcoholism problem.

Maximum Enrollment: 150; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day for 10-12 weeks; Entire year

For Registration or Additional Information write to:

Steven Wolin, M.D.
Rehabilitation R&T Center
George Washington University Hospital
Washington, D.C. 20037

271 INPATIENT CARE IN REHABILITATION MEDICINE

Instructor: John Naughton, M.D.; et al.

For: Resident Physicians, Interns, Medical Students

Description and Objectives:

Part of the teaching program in Medicine. The Rehabilitation Ward of The George Washington University Hospital is staffed by a Resident Physician, two interns and two medical students. This team is responsible for the care of the 18 patients hospitalized in the unit. Their performance is supervised in a preceptorship relationship by each patient's private physician, and academically by the Rehabilitation Staff. The teaching program includes attending rounds three times a week; a family conference once a week; the Rehabilitation Staff and Community Conference once a week; the Amputee Clinic; and two community conferences.

The attending rounds are structured as two-hour sessions during which clinical problems are discussed in depth. An Internist conducts the Monday morning sessions; a Psychiatrist, Wednesday mornings; and either a Physiatrist or Orthopedic Surgeon, Friday mornings.

The week's teaching schedule is arranged to provide the developing physician a truly multi- and interdisciplinary experience in the areas of patient care and rehabilitation medicine. The attending rounds are also participated in by a speech therapist, physical therapist and vocational counselor. The length of rotation can vary from 4 to 12 weeks. Students from other schools of medicine, physical therapy, occupational therapy, and speech and hearing pathology can be accepted should they wish to elect such an experience.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 6/week; Entire year

For Registration or Additional Information write to:

John Naughton, M.D.
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

272 THE ROLE OF THE FAMILY IN THE REHABILITATION OF THE PATIENT

Instructor: Irene G. Tamagna, M.D.

For: House Staff, Medical Students, Attending Physicians, Physical Therapists, Occupational Therapists, Social Workers, Nurses, Patients, Family Members and Patients

Description and Objectives:

1. To acquaint and involve the patient's family in the rehabilitation process.
2. To help the staff recognize problems and concern of the patient as well as those of the family.

These family conferences are held once a week for one hour. The first part consists in a presentation of the admitting intern, in consultation with the Resident and the patient's private physician, of the history of a patient before the medical and the paramedical members of the Rehabilitation Team. A discussion period follows during which the members of the staff contribute information which would indicate the ability or the inability of the patient's family to support a treatment plan; the progress he is making; and tentative plans after he is discharged from the hospital.

The second part of the conference includes the members of the patient's family and they are given an opportunity to express their problems and concerns, and to discuss their own plans. They are informed about all the aspects of the treatment program and their role in its implementation. A summary of the conference is included in the patient's chart. A second family conference is held, if indicated, before the patient is discharged.

The family conference exposes the medical students, the house staff and the other members of the Rehabilitation Team to actual interviews with family members of a patient, and gives them the training in the management and evaluation of this particular factor in the planning and the implementation of a treatment plan for the rehabilitation patient.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day 1 day/week; dates to be set

For Registration or Additional Information write to:

Irene G. Tamagna, M.D.
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

273 SPEECH HABILITATION FOR STUTTERERS

Instructors: James W. Hillis, Ph.D. and Staff

For: Speech Pathology and Audiology Students, Graduate and Undergraduate; Vocational Rehabilitation Personnel

Description and Objectives:

To provide supervised clinical experience for graduate and undergraduate students in Speech Pathology and Audiology, and for Vocational Rehabilitation personnel as needed.

The training program consists of lectures and discussions on the various aspects of stuttering, including the rationale of treatment, and the actual management of a stutterer. The latter involves rate modification and behavior therapy.

The trainees are exposed to the entire process of managing a case of stuttering, with actual demonstrations of techniques for diagnosis and therapy.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day for 21 days; Fall Semester to Summer Semester

For Registration or Additional Information write to:
James Hillis, Ph.D.
Speech & Hearing Clinic
The George Washington University
Washington, D.C. 20037

274 SPEECH AND HEARING TRAINING PROGRAM FOR REHABILITATION COUNSELORS

Instructors: James Hillis, Ph.D. and Staff

For: Vocational Rehabilitation Counselors

Description and Objectives:

To provide Vocational Rehabilitation Counselors serving clients with speech and hearing problems information to help them manage these clients more efficiently and effectively.

The facilities of the Speech and Hearing Clinic of The George Washington University as well as the Rehabilitation Ward of the GWU Hospital are available to the trainees.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 4 hours per day for 3 days; dates to be set

For Registration or Additional Information write to:
James W. Hillis, Ph.D.
Speech and Hearing Clinic
The George Washington University
Washington, D.C. 20037

275 NEW EMPLOYMENT OPPORTUNITIES FOR HOME-BOUND PATIENTS

Instructors: Irene Tamagna, M.D.; Thomas Shworles, M.A.; Kalisankar Mallik

For: Vocational Rehabilitation Counselors, Occupational Therapists, Occupational Therapy Aides, and Occupational Therapy Students

Description and Objectives:

To provide Vocational Rehabilitation Counselors, Occupational Therapists, aides and students information about employment possibilities for the severely disabled homebound patient utilizing modern business equipment.

Participants are acquainted with the aims and scope of the Homebound Employment Project (HEP) and made aware of new possibilities for employing the severely disabled homebound patients as a computer programmer, microfilmer, bookkeeper or data input operator.

Among other things, project staff demonstrate the various business machines used in Project HEP, and how they have been adapted so the severely disabled can operate them. A quadriplegic patient demonstrates the application of some of these adaptive devices on one piece of equipment.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 3 hours per day for 1 day; October 1972 to October 1973 (scheduled as required)

For Registration or Additional Information write to:
John Naughton, M.D.
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

276 TRAINING PROGRAM FOR JUNIOR PHYSICAL THERAPY STUDENTS

Instructors: Joseph Ardizzone, R.P.T. and Staff

For: Junior Physical Therapy Students of Maryland University and other Schools of Physical Therapy

Description and Objectives:

A curriculum requirement for Junior Physical Therapy Students of Maryland University School of Physical Therapy.

Training program is for one day a week for two weeks which is part of the curriculum in Physical Therapy at the Maryland University. Clinical training for the 1973 Junior class will begin in April 1973. The schedule at The George Washington University will involve observing and assisting therapists in the clinic and wards in the treatment and evaluation of patients with disabilities resulting from diseases and injury of the neuromuscular and musculoskeletal systems. Demonstrations of techniques and procedures will be given, followed by discussion periods.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 14 days; Spring 1973

For Registration or Additional Information write to:
Joseph Ardizzone, R.P.T.
Physical Therapy
George Washington University Hospital
Washington, D.C. 20037

277 PHYSICAL THERAPY IN THE MANAGEMENT OF THE REHABILITATION PATIENT

Instructor: Joseph Ardizzone, R.P.T. and Staff

For: Nurses, Nursing Students, Nurses Aides, Physical Therapy Aides, Speech Pathologists and Audiologists

Description and Objectives:

To acquaint non-medical members of the Rehabilitation Team with the philosophy, techniques and procedures used by physical therapists in the rehabilitation of patients.

This is an ongoing training activity which is available to personnel listed above who are involved in the total rehabilitation process. Training consists of lectures on the various types of physical disabilities requiring treatment and how evaluations are done by the physical therapists to achieve total rehabilitation. Demonstrations of physical therapy techniques and procedures are shown. Trainees receive instruction in the actual handling of patients and in the utilization of equipment and facilities found in the Physical Therapy Unit of a hospital.

Maximum Enrollment: 35; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 1 hour per day for 7 days; continuous program

For Registration or Additional Information write to:

John Naughton, M.D.
The George Washington University Clinic
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

278 LANGUAGE REHABILITATION OF STROKE PATIENTS

Instructors: James Hillis, Ph.D.; Linda Brissman, M.A.

For: Students of Speech Pathology and Audiology: Speech Pathologists and Audiologists trainees

Description and Objectives:

To provide supervised clinical experience for students of Speech Pathology and Audiology, and for Speech Pathologists and Audiologists.

This training program seeks to increase the availability of speech and language clinicians with training so that the rehabilitation of stroke patients can be planned more efficiently and more effectively. The trainees work with the stroke patients who are admitted into the rehabilitation ward, and the time interval between the speech impairment and the beginning of speech therapy is reduced to the shortest possible time.

The training includes demonstration of diagnostic procedures as well as actual therapy of patients with communications disorders. At the same time, the trainees are indoctrinated into the team approach in rehabilitation where the Speech Therapist plays as important a role as do the other members from various disciplines involved in the rehabilitation process.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day 3 days per week; Fall Semester to Summer Semester

For Registration or Additional Information write to:

James W. Hillis, Ph.D.
Speech & Hearing Clinic
The George Washington University
Washington, D.C. 20037

279 SPEECH REHABILITATION OF LARYNGECTOMIZED PATIENTS

Instructors: James Hillis, Ph.D.; Linda Brissman, M.A.

For: Students of Speech Pathology and Audiology; Speech Pathologists and Audiologists Trainees

Description and Objectives:

To provide supervised clinical experience for students of Speech Pathology and Audiology and for Speech Pathologists and Audiologists.

This training program seeks to increase the availability of speech and language clinicians with training so that the rehabilitation of laryngectomized patients can be planned more efficiently and more effectively. The trainees work with laryngectomized patients who are admitted into the Hospital, and the time interval between the speech impairment and the beginning of speech therapy is reduced to the shortest possible time.

The training includes demonstrations of diagnostic procedures as well as actual therapy of patients with communications disorders. At the same time, the trainees are indoctrinated into the team approach in rehabilitation where the Speech Therapist plays as important a role as do the other members from various disciplines involved in the rehabilitation process.

Maximum Enrollment: 70; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day 3 days a week; Fall Semester to Summer Semester

For Registration or Additional Information write to:

James W. Hillis, Ph.D.
Speech & Hearing Clinic
The George Washington University
Washington, D.C. 20037

280 AMPUTEE CLINIC

Instructors: Wm. Fortune, M.D.; Joseph L. Ardizzone, R.P.T.

For: Graduate and Undergraduate Medical Students, Physical Therapists, Prosthetists, Amputees, Rehabilitation Counselors

Description and Objectives:

To train medical and other health-related professionals in the evaluation, prescription and management of amputees.

The Amputee Clinic meets for one 2-hour session every week. It combines training and research together with maximum service to the patients who are referred. Its scope includes analysis of the biomechanics of prostheses and gait; indications for surgery; rationale for selection of particular amputation levels; post-operative management; fitting and alignment of prostheses; evaluation and follow-up of post-surgical period including early prosthetic filling; and the use of various modalities and techniques for early mobilization and independence.

The sessions consist of a presentation of patient's history by a resident together with a discussion of the medical aspects of the amputation. The Physical Therapist in charge of the patient follows with a description of the specific findings as regards range of motion, manual muscle testing and gait analysis. The participating prosthetist measures the amputee for prosthesis and/or fits, adjusts, readjusts, or trains the amputee in its uses during clinic hours. Residents in Orthopedics participate actively in the discussions and demonstrations of the Amputee Clinic.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 2 hours per day 1 day each week; all year

For Registration or Additional Information write to:
William Fortune, M.D.
Department of Orthopedics
The George Washington University
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

281 REHABILITATION AND MEDICAL INFORMATION FOR FOSTER AND ADOPTIVE PARENTS

Instructors: John Naughton, M.D.; William Tompkins, M.D.; other RT-9 Staff; Guest Lecturers

For: Prospective Foster and Adoptive Parents

Description and Objectives:

This course is specially designed to give prospective foster and adoptive parents greater insight and understanding on how to promote the health, development and well-being of their foster and adopted children, particularly those who may be disabled. Psychological aspects and the emotional overlays of illness and disabilities are discussed along with the physical manifestations. Community resources and how to secure the greatest benefit from these resources are also discussed.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per day 1 day each week; September 1972 to September 1973

For Registration or Additional Information write to:
John Naughton, M.D.
The George Washington University Medical Center
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

282 SEMINARS FOR MEDICAL CONSULTANTS OF VOCATIONAL REHABILITATION AGENCIES

Instructors: John Naughton, M.D. and Staff of The George Washington University Medical Center and Rehabilitation Center

For: Medical Consultants of State Vocational Rehabilitation Agencies

Description and Objectives:

1. To acquaint the Medical Consultants of the State Vocational Rehabilitation Agencies with the latest advances in Rehabilitation Medicine.
2. To provide an opportunity for the Medical Consultants to exchange views on their roles in the expanding state rehabilitation programs.

These seminars will be held in December 1972 and February 1973. They will consist of a didactic portion in which staff will give lectures on the problems most commonly encountered by Vocational Counselors. The lectures will be followed by case presentations which the Medical Consultants will discuss in the light of the lecture just given. It is hoped that this format will make the seminars more effective because it will be combining theory with actual clinical cases. Audiovisual aids will be utilized as needed.

Another part of the seminar will consist of presentations by representatives of the Medical Consultants of Region III on the role of Medical Consultants in a modern Vocational Rehabilitation Agency. This will be followed by a discussion period in order to enable the participants to have a free exchange of ideas.

Planning of the seminars includes conferences with some of these Medical Consultants to establish seminars most relevant to their needs. It will also include a request for specific commitments as to the number of participants from each agency.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day 2 days each seminar; dates to be set

For Registration or Additional Information write to:

John Naughton, M.D.
The George Washington University Medical Center
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

283 RESIDENCY TRAINING IN PHYSICAL MEDICINE AND REHABILITATION

Instructors: Mahmoud Mourad, M.D.; Wu Shung Chiu, M.D.; Staff

For: Residents in Physical Medicine and Rehabilitation

Description and Objectives:

This program is designed to prepare Residents for specialization in Physical Medicine and Rehabilitation. Their training includes involvement in the practices of the basic sciences, the challenge of clinical medicine and surgery and their subsidiary branches and subspecialties which include physiatry. Education, training and research remain guidelines as well as objectives in achieving such a long-term program. Each of the three years encompass and cover these basic aspects.

The first year program includes experience in anatomy, physiology, kinesiology, pathology, physics, bioengineering, electrodiagnosis, speech and hearing as well as social, vocational and rehabilitation counseling. Training is performed with the assistance of the Medical Staff in the hospital and the health-related professionals in the fields of Physical, Occupational and Speech Therapies, nursing, orthotic, prosthetic, social and vocational services. Initial evaluation of rehabilitation includes active participation in case presentations in conferences and seminars; didactic activities for the interest of the medical and health-related staff; periodic attendance at regional and national courses and conventions; responsibility for inpatient and outpatient care; supervision of the first-year resident who discusses the cases initially evaluated by him; and additional time allotted to electrodiagnosis and EMG. The third-year resident is a supervisor and preceptor to the first- and second-year residents, in turn acting as a supervised consultant in Rehabilitation Medicine. His duties encompass administrative activities as related to the Rehabilitation Ward and its coordination with the hospital at large. Research, a very important aspect in the Division's program, is performed without interruption through the full three years of the program. Supervision and follow-up by the individualized research project director continue to encourage and fulfill the tasks intended by the pilot studies and/or others in progress.

The residents also participate in programs in the affiliated hospitals. Six to nine months of the three year period are spent at Children's Hospital and at Walter Reed Hospital. All the rehabilitation facilities at the University and in the Metropolitan area are utilized for the betterment of the trainee including the Cardiopulmonary Exercise Laboratory, the Speech and Hearing Center, orthotic and prosthetic firms, sheltered workshops, prevocational and vocational training centers, Lighthouse for the Blind, institutions for the mentally retarded and severely handicapped, some nursing homes, as well as intermediate homes for alcoholics and drug abusers. Visits and, whenever possible, active clinical participation involve the under-privileged areas supervised by the Community Health Program of The George Washington University Medical Center.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 5 days; July 1, 1972 to June 30, 1973

For Registration or Additional Information write to:
Mahmoud Mourad, M.D.
Director, Physical Medicine
The George Washington University Hospital
901 23rd Street, N.W.
Washington, D.C. 20037

284 SUMMER TRAINING PROGRAM FOR MEDICAL STUDENTS

Instructors: Mahmoud Mourad, M.D.; Wu Shung Chiu, M.D.; Staff

For: Post-Sophomore Medical Students

Description and Objectives:

The program is intended to orient medical students to the methods used in evaluation and management of the physically disabled and/or handicapped. Three hospitals are involved in the training experience: George Washington University, Children's and Walter Reed. The activities at George Washington University Hospital under the supervision and tutorship of the staff include ward rounds of the patients undergoing rehabilitation as well as participation in the outpatient clinic emphasizing electrodiagnosis, electromyography, and physiatric evaluation. The facilities are utilized to acquaint the students with the techniques used in physical, occupational and speech therapies as well as the protocol used by the social worker and vocational counselor in securing total care for the patients. Each student spends two weeks each in the affiliated hospitals. Allotted time is schedule for field visits to the rehabilitation facilities in the Washington Metropolitan Area. Each student is encouraged to choose a clinical subject for presentation, in narrative form, at the end of his training.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 5 days; June 1, 1972 to August 30, 1972

For Registration or Additional Information write to:

Mahmoud Mourad, M.D.
Director, Physical Medicine
The George Washington University Hospital
901 23rd Street, N.W.
Washington, D.C. 20037

285 SUMMER WORK & TRAINING PROGRAM FOR DISADVANTAGED AND DISABLED YOUTH IN REHABILITATION AND OTHER HEALTH SETTINGS

Instructors: Janice Hightower; Joseph LaRocca; Staff of Participating Hospitals

For: Young Adults (16 to 22 years) referred by State Vocational Rehabilitation Agencies and Welfare Departments

Description and Objectives:

To provide gainful work and training in rehabilitation and other health field careers for young adults referred by State Vocational Rehabilitation Agencies and Welfare Departments in the greater Washington, D.C. area.

This is a ten-week work-training program whereby the participants are placed in jobs compatible with their interests and abilities. These include physical therapy and occupational therapy aides; speech and hearing aides; research laboratory assistants; medical illustrators; nurses' aides; animal caretakers; social worker aides; audiovisual assistants; medical secretaries; medical records assistants; X-ray technicians' aides; inhalation therapy aides; play therapists for hospitalized children; housekeeping, food services, dietary and hospital accounting assistants.

The participants work 40 hours per week at the minimum legal wage. Participating organizations are The George Washington University Medical Center, Children's Hospital and the Columbia Hospital for Women.

In addition to individual supervision, group sessions are held for general orientation to the health field; discussion of career opportunities; training required; scholarships and other assistance, etc.

Maximum Enrollment: 75; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 50 days; July 1973 to September 1973

For Registration or Additional Information write to:
Joseph LaRocca
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

286 BEHAVIORAL THERAPY FOR OBESE FEMALES

Instructors: John Naughton, M.D.; Mary Ellen Caplin; Marilynn Gammarino

For: Obese Patients, Medical Staff and Rehabilitation Staff

Description and Objectives:

This is a training program for patients who are obese and members of the staff involved in their rehabilitation. It is a two-year program in weight control offered to obese women living in the Washington area. The study is designed to: (1) define the behavioral determinants of obesity; (2) define the approach required for successful intervention and treatment of obese subjects; and (3) define the characteristics of a therapist capable of administering such a treatment.

The participating patients and staff meet once a week for 2 hours. The session includes a luncheon which has been prepared according to caloric specifications, and an unstructured group therapy for the benefit of the patients. At the onset of the program, several psychological tests were administered. These tests will be re-administered to measure the effects of the approach.

The therapy sessions focus on behavior modification as a means of dealing with the obese patient. The objectives of this type of approach are to build up a greater awareness of suitable eating habits, to modify behavior patterns in relation to eating, and to deal with psychological factors influencing eating behavior. The program is intended to train the rehabilitation staff in the management and handling of the obese patient by observation of, as well as interaction with, the obese patient.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 2 hours per day 1 day each week; September 1972 to August 1973

For Registration or Additional Information write to:
John Naughton, M.D.
2150 Pennsylvania Avenue, N.W.
Washington, D.C. 20037

287 TRAINING PROGRAM FOR PHYSICAL THERAPY STUDENTS

Instructors: Joseph Ardizzone, R.P.T. and Staff

For: Physical Therapy Students of Maryland University and other Schools of Physical Therapy

Description and Objectives:

A curriculum requirement for Senior Physical Therapy Students of Maryland University School of Physical Therapy.

Training program is a four-week course which is a part of the curriculum in Physical Therapy at the Maryland University. Clinical training for the 1973 graduate will begin on January 2, 1973. The schedule at The George Washington University includes a rotation at the Special Care Unit of the Hospital for one week, attendance at weekly Amputee Clinic. The remainder of the program will involve the students in the schedules of the physical therapy staff for conferences, ward rounds and patient treatment. A meeting with the Clinical Supervisors will be held every morning from 8-9 a.m.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 28 days; 1973

For Registration or Additional Information write to:
Joseph Ardizzone, R.P.T.
Physical Therapy
George Washington University Hospital
Washington, D.C. 20037

RT-10

University of Colorado

288 RESEARCH IN PHYSICAL MEDICINE & REHABILITATION

Instructor: Dr. Jerome Gersten

For: Medical and Graduate Students

Description and Objectives:

Research—participation in or initiation of a project in one of the following areas:
Psychophysiologic studies of complex visual task performance
Neuromuscular physiology and disability
Psychological aspects of disability
Work physiology
Stress and effects on performance
Cerebral circulation and effect on CNS function

Maximum Enrollment: 1; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; Fall quarter

For Registration or Additional Information write to:

J.W. Gersten, M.D.
Department of Physical Medicine & Rehabilitation
University of Colorado Medical Center
4200 E. 9th Avenue
Denver, Colorado 80220

289 CLINICAL PHYSICAL MEDICINE AND REHABILITATION

Instructor: Dr. Jerome Gersten & Staff

For: Junior and Senior Medical Students

Description and Objectives:

Evaluation and management, including electromyography, nerve conduction velocity, bracing and amputee clinics, Cardiac Work Evaluation Unit, supervision of emphysema patients, and participation in management of birth defects.

Maximum Enrollment: 2; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; Fall quarter

For Registration or Additional Information write to:

J.W. Gersten, M.D.
Department of Physical Medicine & Rehabilitation
University of Colorado Medical Center
4200 E. 9th Avenue
Denver, Colorado 80220

290 PRINCIPLES OF BIOMECHANICS, BRACING AND PROSTHETICS

Instructor: Frank Cenkovich, M.D.

For: Medical Students

Description and Objectives:

Musculo-skeletal system as mechanical structure. Prevention of trauma. Management of amputee discussed. Utilization of braces or splints for patients with stroke, nerve injury, arthritis, or c.n.s. disease demonstrated.

Maximum Enrollment: 5; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day for 1 day; March to June

For Registration or Additional Information write to:

Frank Cenkovich, M.D.
Department of Physical Medicine and Rehabilitation
University of Colorado Medical Center
4200 E. 9th Avenue
Denver, Colorado 80220

291 ELECTRODIAGNOSIS

Instructor: Frank Cenkovich, M.D.

For: Medical Students

Description and Objectives:

Principles of instrumentation, electromyography, motor and sensory nerve conduction velocity, repetitive stimulation, averaging, frequency analysis and evoked potentials. Discussion, demonstration and patient presentation.

Maximum Enrollment: 5; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day for 1 day; January to March

For Registration or Additional Information write to:

Frank Cenkovich, M.D.
Department of Physical Medicine & Rehabilitation
University of Colorado Medical Center
4200 E. 9th Avenue
Denver, Colorado 80220

292 MASTER OF SCIENCE IN PHYSICAL THERAPY

Instructor: James R. Clinkingbeard, M.S.

For: Graduate Students

Description and Objectives:

This program is designed to provide an individual the opportunity to gain added knowledge and experience in Physical Therapy and related disciplines. The knowledge and experience gained will in turn be transmitted on to students in undergraduate Physical Therapy programs and/or to already practicing physical therapists. The ultimate benefits to be derived from this program are more effective physical care and physical restoration of sick and handicapped patients.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; approximately 2 years

For Registration or Additional Information write to:
James R. Clinkingbeard, M.S.
Department of Physical Medicine & Rehabilitation
University of Colorado Medical Center
4200 E. 9th Avenue
Denver, Colorado 80220

293 PROGRAMMING OF SMALL COMPUTERS

Instructor: D.E. Dick, Ph.D.

For: Students and Faculty in Medical School

Description and Objectives:
Instruction in the use of a NOVA computer for on-line medical data gathering and analysis. The emphasis is on writing computer program in assembly language in order to optimize the use of the computer.

Maximum Enrollment: 25-30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 2 hours per day for 8 days; dates vary

For Registration or Additional Information write to:
Donald E. Dick, Ph.D.
Department of Physical Medicine & Rehabilitation
University of Colorado Medical Center
4200 East Ninth Avenue
Denver, Colorado 80220

294 SYSTEMS APPROACH TO INSTRUMENTATION

Instructor: D.E. Dick, Ph.D.

For: Graduate Students in the Medical School and Faculty

Description and Objectives:
Phys. Med. 610-3: The art of choosing and interconnecting commercial instruments to obtain and record medical data. Detailed circuit analysis is neglected in favor of understanding the different options available in standard instruments. The course starts with an explanation of standard terminology and concepts such as single-ended vs. double-ended amplifiers, FM vs. AM tape recording, ground loops and impedance matching. Then some typical systems such as ultrasonic applications, telemetry, pressure measurement and closed circuit television are discussed. The final portion of the course covers the problems of special applications such as intensive care units, nuclear medicine instrumentation and neurological instrumenta-

tion. Students are expected to devise and defend the complete instrumentation of a physiological system of interest.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1½ hours per day for 2 days; September to December

For Registration or Additional Information write to:

Donald E. Dick, Ph.D.
Department of Physical Medicine & Rehabilitation
University of Colorado Medical Center
4200 East Ninth Avenue
Denver, Colorado 80220

295 ENGINEERING INTRODUCTION TO CLINICAL MEDICINE

Instructors: Dr. Donald E. Dick and various physicians at Colorado General Hospital

For: Advanced Engineering Graduate Students

Description and Objectives:

The course is taught with small groups of students observing various physicians in their normal medical practice. Thus it is similar to the normal procedure followed with beginning medical students. To compensate for the lack of medical background, the students are required to spend time reading about the physiology associated with the cases they have seen.

The objective is to introduce engineering graduate students to the realities of clinical medicine. In this way, it is hoped that their research may be directed toward the solution of practical problems which are of interest to physicians. Thus bioengineering should prove more valuable in the rehabilitation process.

Maximum Enrollment: 3; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 4 hours per day for 20 days; June to August

For Registration or Additional Information write to:

Donald Dick, Ph.D.
Department of Physical Medicine & Rehabilitation
University of Colorado Medical Center
4200 East Ninth Avenue
Denver, Colorado 80220

296 INTRODUCTION TO THE SOCIOLOGY OF MEDICINE

Instructor: Norman Hilmar, Ph.D.

For: Graduate Students

Description and Objectives:

A review of the social and cultural aspects of health and illness. The sociological dimensions of the physician and patient roles. The hospital as a social organization. Provision of health services. Prerequisite: Permission of the instructor.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1½ hours per day for 1 day (every other Friday); Spring quarter

For Registration or Additional Information write to:
Norman Hilman, Ph.D.
Department of Physical Medicine & Rehabilitation
University of Colorado Medical Center
4200 East Ninth Avenue
Denver, Colorado 80220

297 VOICE AND DICTION

Instructor: Margaret Lemme, M.A.

For: Undergraduate Students of Speech and Audiology

Description and Objectives:

SPA 200—Elementary course for improvement of speaking voice. Group and individual laboratory. Basic introduction to anatomy and physiology of speech mechanism and general phonetics.

Maximum Enrollment: 50; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day for 3 days; Fall and Spring

For Registration or Additional Information write to:
Margaret Lemme, M.A.
Department of Physical Medicine & Rehabilitation
University of Colorado Medical Center
4200 East Ninth Avenue
Denver, Colorado 80220

298 DISORDERS OF SPEECH II

Instructor: Margaret Lemme, M.A.

For: Undergraduate Students of Speech and Audiology

Description and Objectives:

SPA 471—Survey of cerebral palsy, cleft palate, and aphasia.

Maximum Enrollment: 50: Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day for 4 days; March to June

For Registration or Additional Information write to:
Margaret Lemme, M.A.
Department of Physical Medicine & Rehabilitation
University of Colorado Medical Center
4200 East Ninth Avenue
Denver, Colorado 80220

299 DISORDERS OF SPEECH I

Instructor: Margaret Lemme, M.A.

For: Undergraduate Students of Speech and Audiology

Description and Objectives:

SPA 470—Survey of delayed speech, articulation, voice, and stuttering.

Maximum Enrollment: 50; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day for 4 days; September to December

For Registration or Additional Information write to:

Margaret Lemme, M.A.
Department of Physical Medicine & Rehabilitation
University of Colorado Medical Center
4200 East Ninth Avenue
Denver, Colorado 80220

300 PREDOCTORAL INTERNSHIP IN COUNSELING PSYCHOLOGY

Instructor: James W. McDaniel, Ph.D.

For: Doctoral Candidates in Counseling Psychology

Description and Objectives:

Applicants may elect to begin the internship at any time during the calendar year for a twelve-month period. Applicants must be candidates for the Doctor of Philosophy in Counseling Psychology and preference is given those from training programs approved by the Education and Training Board of the American Psychological Association.

Individual supervision is provided in a specialized program for trainees planning a career in patient care and clinical research in multidisciplinary rehabilitation setting. The intern's involvement is to be divided equally between intensive clinical assignment and clinical research in a problem area to be arranged with his supervisor. Opportunities for additional training are also provided during the internship, and trainees are expected to participate in seminars and elective courses of the Department of Physical Medicine and Rehabilitation, the Division of Clinical Psychology, and occasionally in other departments of the School of Medicine.

Applicants must be registered at own university and recommended by faculty advisor. Interview required.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 5 days; dates open (12 months)

For Registration or Additional Information write to:

James W. McDaniel, Ph.D.
Department of Physical Medicine & Rehabilitation
University of Colorado Medical Center
4200 East Ninth Avenue
Denver, Colorado 80220

301 INTERNSHIP IN REHABILITATION COUNSELING

Instructors: James W. McDaniel, Ph.D.; Judith Hruda, M.A.

For: Master's Degree Candidates in Rehabilitation Counseling

Description and Objectives:

Supervised Clinical Practice is a planned educational experience which provides the trainees with an opportunity to supplement and apply the skills and knowledge developed in the academic setting. It is a practice and probationary period of continuous participation in the organization where rehabilitation activities are an integral part of the program. It is a method of training which involves learning by observing and doing under the guidance and directions of qualified rehabilitation specialists.

Objectives of a Supervised Clinical Practice Program. Many objectives are attainable in any well-organized clinical practice program. These objectives are important, not only for the student, but for the University and the Rehabilitation Center as well.

One of the chief objectives of our supervised clinical practice provide for a "practical application of training experience." Such a program brings together in a realistic setting, the diverse kinds of client behavior—and problems—with which a rehabilitation counselor is concerned; it assists the student to acquire proficiency and to gain confidence by applying his theoretical knowledge and integrating his segmented skills—all under the supervision of an experienced and qualified rehabilitation counselor; it helps the student evaluate and test philosophies and attitudes within the context in which they must ultimately be made effective, at the same time providing the student with a means of assessing his strengths and weaknesses in relation to graduate work and his chosen area of work.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 5 days; dates open (1 semester or 2 quarters)

For Registration or Additional Information write to:

James W. McDaniel, Ph.D.
Department of Physical Medicine and Rehabilitation
University of Colorado Medical Center
4200 East Ninth Avenue
Denver, Colorado 80220

302 PHYSIOLOGY OF SKELETAL MUSCLE AND BONE

Instructors: Alan Sexton, Ph.D.; Jerome Gersten, M.D.; and James Miles, M.D.

For: Graduate Medical Students and Faculty

Description and Objectives:

Cellular contractile mechanisms, functional and exercise aspects of muscle contraction and relationships of muscle and bone.

Jointly with Departments of Physical Medicine and Rehabilitation and Orthopedics. Lectures and demonstrations.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 1 hour per day for 1 day; September to December

For Registration or Additional Information write to:

Alan Sexton, Ph.D.
Department of Physical Medicine & Rehabilitation
University of Colorado Medical Center
4200 East Ninth Avenue
Denver, Colorado 80220

RT-11

University of Wisconsin

303 REHABILITATION OF THE RETARDED IN RURAL AREAS (SHORT-TERM)

Instructor: Dr. Patrick J. Flanigan

For: VRA District Supervisors and Rehabilitation Counselors

Description and Objectives:

An institute focusing on the development of techniques, devices and resources which can be used to rehabilitate the retarded living in rural areas.

Maximum Enrollment: 15; Outside Applicants Accepted (1. Preference to rehabilitation personnel; 2. Requests for attendance by professional individuals not residing in the regions served by the Center will be accepted if fiscal costs can be assumed by the individual applicant); Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 5 days; December 4, 1972 to December 8, 1972

For Registration or Additional Information write to:

Dr. Patrick J. Flanigan, Associate Director
Research and Training Center in Mental Retardation
415 West Gilman Street
Madison, Wisconsin 53703

304 MEDICAL DIAGNOSIS IN REHABILITATION

Instructor: Dr. Patrick J. Flanigan

For: Medical Personnel (DVR medical consultants, institutional physicians, community practitioners)

Description and Objectives:

A seminar on the physician's role in the diagnostic procedures in rehabilitation with particular emphasis on consultation to rehabilitation personnel in state programs.

Maximum Enrollment: 15; Outside Applicants Accepted (1. Preference to rehabilitation personnel; 2. Requests for attendance by professional individuals not residing in the regions served by the Center will be accepted if fiscal costs can be assumed by the individual applicant); Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 3 days; January 22, 1973 to January 24, 1973

For Registration or Additional Information write to:

Dr. Patrick J. Flanigan, Associate Director
Research and Training Center in Mental Retardation
415 West Gilman Street
Madison, Wisconsin 53703

305

REHABILITATION PROGRAMMING FOR THE MODERATELY, SEVERELY AND PROFOUNDLY RETARDED

Instructor: Dr. Patrick J. Flanigan

For: Social Agency and Institutional Personnel

Description and Objectives:

An institute focusing on the preparation of the moderately, severely and profoundly retarded for client processing, i.e., recreation programs, rehabilitation facilities, etc. The institute will feature the development of diagnostic remediation training programs for utilization in modification of adaptive behavior skills.

Maximum Enrollment: 15; Outside Applicants Accepted (1. Preference to rehabilitation personnel; 2. Requests for attendance by professional individuals not residing in the regions served by the Center will be accepted if fiscal costs can be assumed by the individual applicant); Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 5 days; February 19, 1973 to February 23, 1973

For Registration or Additional Information write to:

Dr. Patrick J. Flanigan, Associate Director
Research and Training Center in Mental Retardation
415 West Gilman Street
Madison, Wisconsin 53703

306

RELEVANCE OF THE SOCIAL ENVIRONMENT IN THE REHABILITATION OF THE MENTALLY RETARDED

Instructor: Dr. Patrick J. Flanigan

For: Professionals of all disciplines who spend a major portion of their time working in economically and/or socially disadvantaged communities

Description and Objectives:

A seminar on the impact of the social environment on the rehabilitation of the retarded. The focus will be on the behavioral characteristics of retarded youth and adults as they relate to vocational training and programming.

Maximum Enrollment: 15; Outside Applicants Accepted (1. Preference to rehabilitation personnel; 2. Requests for attendance by professional individuals not residing in the regions served by the Center will be accepted if fiscal costs can be assumed by the individual applicant); Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 5 days; March 19, 1973 to March 23, 1973

For Registration or Additional Information write to:

Dr. Patrick J. Flanigan, Associate Director
Research and Training Center in Mental Retardation
415 West Gilman Street
Madison, Wisconsin 53703

307 VOCATIONAL ADJUSTMENT OF THE MENTALLY RETARDED THROUGH THE USE OF SHELTERED WORK

Instructors: Dr. Patrick J. Flanigan; Dr. Paul Lustig

For: Professionals involved in placement, evaluation, etc., in rehabilitation facilities settings

Description and Objectives:

A seminar concerned with the vocational aspects of work adjustment training for the mentally retarded.

Maximum Enrollment: 15; Outside Applicants Accepted (1. Preference to rehabilitation personnel; 2. Requests for attendance by professional individuals not residing in the regions served by the Center will be accepted if fiscal costs can be assumed by the individual applicant); Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 5 days; April 16, 1973 to April 20, 1973

For Registration or Additional Information write to:

Dr. Patrick J. Flanigan, Associate Director
Research and Training Center in Mental Retardation
415 West Gilman Street
Madison, Wisconsin 53703

308 ORIENTATION TO MENTAL RETARDATION FOR NEWLY APPOINTED REHABILITATION COUNSELORS

Instructor: Dr. Patrick J. Flanigan

For: Those appointed as Rehabilitation Counselors and at their positions as counselors for one year or less

Description and Objectives:

A general orientation course focusing on the biomedical, psychological, educational, sociological and rehabilitation aspects of mental retardation.

Maximum Enrollment: 15; Outside Applicants Accepted (1. Preference to rehabilitation personnel; 2. Requests for attendance by professional individuals not residing in the regions served by the Center will be accepted if fiscal costs can be assumed by the individual applicant); Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 5 days; May 14, 1973 to May 18, 1973

For Registration or Additional Information write to:

Dr. Patrick J. Flanigan, Associate Director
Research and Training Center in Mental Retardation
415 West Gilman Street
Madison, Wisconsin 53703

309 INTRODUCTION TO MENTAL RETARDATION

Instructor: Dr. Patrick J. Flanigan

For: General (professionals involved in some aspect of working with the retarded)

Description and Objectives:

A general orientation course focusing on the biomedical, psychological, educational, sociological and rehabilitation aspects of mental retardation.

Maximum Enrollment: 15; Outside Applicants Accepted (1. Preference to rehabilitation personnel; 2. Requests for attendance by professional individuals not residing in the regions served by the Center will be accepted if fiscal costs can be assumed by the individual applicant); Academic Credit Available

Schedule: Short-term; 6 hours per day for 20 days; June 11, 1973 to July 6, 1973

For Registration or Additional Information write to:

Dr. Patrick J. Flanigan, Associate Director
Research and Training Center in Mental Retardation
415 West Gilman Street
Madison, Wisconsin 53703

310 COUNSELING TECHNIQUES WITH RETARDED ADOLESCENTS AND ADULTS

Instructors: Dr. Patrick J. Flanigan; Dr. Edward J. Pfeifer

For: Rehabilitation Counselors

Description and Objectives:

An institute which focuses on effective techniques of counseling retarded adolescents and adults. Special emphasis will be given to those theories of counseling most relevant to the mentally retarded and to the application of theory to the counseling situation.

Maximum Enrollment: 15; Outside Applicants Accepted (1. Preference to rehabilitation personnel; 2. Requests for attendance by professional individuals not residing in the regions served by the Center will be accepted if fiscal costs can be assumed by the individual applicant); Academic Credit Available

Schedule: Short-term; 6 hours per day for 20 days; July 9, 1973 to August 3, 1973

For Registration or Additional Information write to:

Dr. Patrick J. Flanigan, Associate Director
Research and Training Center in Mental Retardation
415 West Gilman Street
Madison, Wisconsin 53703

311 THE MODIFICATION OF BEHAVIORAL DEFICITS AS A REHABILITATION TOOL

Instructors: Dr. Patrick J. Flanigan; Dr. William I. Gardner

For: Professional personnel involved in direct evaluation and prescriptive programming

Description and Objectives:

An introduction to the basic concepts of behavior modification with particular attention devoted to the practical aspects of evaluation results. Clinical experiences will include: behavioral evaluation, development of program prescriptions, and evaluation of a variety of methods of application.

Maximum Enrollment: 15; Outside Applicants Accepted (1. Preference to rehabilitation personnel; 2. Requests for attendance by professional individuals not residing in the regions served by the Center will be accepted if fiscal costs can be assumed by the individual applicant); Academic Credit Available

Schedule: Short-term; 6 hours per day for 20 days; July 9, 1973 to August 3, 1973

For Registration or Additional Information write to:
Dr. Patrick J. Flanigan, Associate Director
Research and Training Center in Mental Retardation
415 West Gilman Street
Madison, Wisconsin 53703

RT-13

University of Arkansas

312 DYNAMICS OF THE HELPING RELATIONSHIP

Instructors: Bob L. Means, Ph.D. and Selected Research and Training Staff

For: Rehabilitation Support Personnel

Description and Objectives:

The program is conducted on an integrated didactic-experiential basis. Pre-workshop reading is required. During the workshop the participants will respond to recorded client excerpts and be involved in role playing. The objective of the program is to increase the participants' functioning level on the following helping dimensions: Empathy, Respect, Genuineness and Concreteness.

Maximum Enrollment: 12; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2½ days; September 6, 1972 to September 8, 1972

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

313 AN INTRODUCTION TO PHYSICAL, INTELLECTUAL AND EMOTIONAL LIFE SKILL PERSONAL ADJUSTMENT PROGRAMS FOR REHABILITATION CLIENTS

Instructor: Thomas R. Collingwood, Ph.D.

For: Facility, Program Planning and Supervisory Personnel Within Region VI

Description and Objectives:

Current research has demonstrated that physical (physical fitness training), intellectual (systematic goal setting training) and emotional (interpersonal communication skill training) personal adjustment programs have had a positive effect upon the psychological-social rehabilitation of clients.

The purpose of this training is to orient and familiarize trainees with the research results, concepts and techniques of implementing such "life skill" programs within existing personal adjustment services. The purpose of this program is not to prepare the supervisor to implement the program, but rather to give him enough information about the program to allow him to decide if the program has merit in his area of responsibility. If the supervisor chose to implement the program in his situation, he or a member of his staff would attend scheduled

Research and Training programs which actually prepare the trainee to implement the program.

A didactic-experiential training approach using lectures, observation of ongoing programs, video tape and actual practice experience will be employed.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; September 11, 1972

For Registration or Additional Information write to:
Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

314 REHABILITATION OF THE PUBLIC ASSISTANCE RECIPIENT

Instructors: Selected Research and Training Staff

For: Social and Rehabilitation Agency Administrators and In-Service Training Directors

Description and Objectives:

The program will address itself to the major administrative and organizational concerns for organizing and conducting an interagency service program for the public assistance recipient. Topics to be covered will include: selection of staff, implementing delivery systems, needed training and resources. A booklet entitled "Guidelines for Administrators and Supervisors Serving the Public Assistance Recipient" will be presented to each of the participants prior to the program. The program will be oriented around discussing the implications for practice contained in the booklet which are based on Research and Training's experience and research concerned with the rehabilitation of the public assistance recipient.

The objectives of the program are: to disseminate pertinent research and other information relative to planning and developing delivery systems to serve the public assistance recipient.

Maximum Enrollment: 35; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; September 14, 1972 to September 15, 1972

For Registration or Additional Information write to:
Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

315 INTERPERSONAL SKILLS TRAINING FOR TRAINERS

Instructors: Thomas R. Collingwood, Ph.D. and selected Research and Training Center Staff

For: State Rehabilitation Agency Counselor Trainers

Description and Objectives:

Participants will be required to submit counseling tapes and respond to selected written client statements as part of selection criteria. Those selected for training will be required to familiarize themselves with selected reading relevant to the training. The initial part of the program will teach the participants to communicate and discriminate at high levels on the following counseling dimensions; empathy, respect, genuineness, concreteness, confrontation, immediacy, and self-disclosure. The latter part of the program will be concerned with instructing the participants in the use of training aids and conducting Interpersonal Skills Training Programs.

The objective of the program is to produce competent Interpersonal Skills trainers. Training is of a continuing nature with two training blocks over a six-month period. The initial training block is for three days (24 hours) followed by a five-day block (40 hours) at a later date. Between training blocks and following the final training period Research and Training will be available for consultation.

Maximum Enrollment: 8; Outside Applicants Accepted (priority given to Region VI personnel); Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 8 days; September 20, 1972 to September 22, 1972 and December 4, 1972 to December 8, 1972

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

316 INTERPERSONAL SKILLS TRAINING FOR REHABILITATION SECRETARIES: AN INTRODUCTION AND DEMONSTRATION

Instructors: Vernon Glenn, Ed.D.; Bob L. Means, Ph.D.; Neal D. Little, Ed.D.

For: National Association of Rehabilitation Secretaries

Description and Objectives:

An overview of Interpersonal Skills will be given in terms of: research, introduction to the scales, and appropriateness for secretarial duties. High and low levels of Empathy and Respect will be demonstrated and their consequences discussed. A list of references will be distributed.

The objective is to introduce the participants to the appropriateness of Interpersonal Skills to secretarial duties and demonstrate their application.

Maximum Enrollment: 100; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per day for 1 day; September 26, 1972

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

317 DYNAMICS OF THE THERAPEUTIC RELATIONSHIP

Instructors: Bob L. Means, Ph.D.; Thomas R. Collingwood, Ph.D.

For: Deaf Community Counseling and Referral Service Staff

Description and Objectives:

The program is conducted on an integrated didactic-experiential basis. Pre-workshop reading is required. During the workshop the participants will respond to recorded client excerpts and be involved in role playing.

The basic goal of the training is to increase trainees' ability to function more effectively within an in-depth counseling or psychotherapeutic relationship. The focus of the program is upon the communication of the core conditions of Empathy, Respect, Genuineness, Concreteness, Self-disclosure, Immediacy and Confrontation, with a thrust upon the use of these core conditions to develop courses of action, preferred modes of treatment, or personal adjustment programs for helpees.

Maximum Enrollment: 8; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; October 2, 1972 to October 3, 1972

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

318 A SYSTEMATIC APPROACH FOR DEVELOPING AND IMPLEMENTING INTERAGENCY (SOCIAL SERVICES/VOCATIONAL REHABILITATION) IN-SERVICE TRAINING PROGRAMS

Instructors: Selected Research and Training Staff

For: Social and Rehabilitation Training Personnel—Region VI

Description and Objectives:

The course combines the didactic and discussion methods in presenting training needs, training processes, and training resources for new or existing personnel delivering rehabilitation services to the public assistance recipient. A booklet entitled: "Guidelines: A Systematic Approach for Developing and Implementing Interagency (Social Services/Vocational Rehabilitation) In-service Training Programs" will be distributed prior to the program.

The purpose of the program is to assist trainers in organizing and delivering joint training designed to strengthen and improve rehabilitation services to the public assistance recipient.

Maximum Enrollment: 24; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 2½ days; October 4, 1972 to October 6, 1972

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Ark. 71901

319 REHABILITATION OF THE SEVERELY DISABLED: IDENTIFICATION OF NONVOCATIONAL NEEDS AND RESOURCES

Instructor: Selected State Agency and Research Training Staff

For: Administrators and Supervisors

Description and Objectives:

The program will include a formal presentation, an informal discussion followed by a summary statement with implications for practice for each topic. Topic area will include: The legislative charge, identification of nonvocational potential, treatment resources, coordination with other social and rehabilitative services, documentation and needed research and training.

The objective of the program is to facilitate the participants in setting the goals and procedures for serving the severely disabled with nonvocational objectives.

Maximum Enrollment: 30; Outside Applicants Accepted (priority given to Region VI personnel); Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2½ days; October 11, 1972 to October 13, 1972

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

320 DEVELOPING PHYSICAL, INTELLECTUAL AND EMOTIONAL LIFE SKILL PERSONAL ADJUSTMENT PROGRAMS FOR REHABILITATION CLIENTS

Instructor: Thomas R. Collingwood, Ph.D.

For: Rehabilitation Personnel, especially those assigned to facilities

Description and Objectives:

The program presents a model personal adjustment program for rehabilitation clients. A didactic-experiential training approach using video-tapes and actual practical experience will be employed. The personal adjustment training is based on physical, intellectual and emotional systematic training for rehabilitation clients.

Current research has demonstrated that physical (physical fitness training), intellectual (systematic goal setting training) and emotional (interpersonal communication skill training) personal adjustment programs have had a positive effect upon the psychsocial rehabilitation of clients.

Pre-workshop reading will be required of participants. Post-workshop consultation will be available, if needed, during the period the trainees implement the personal adjustment programs at their home site. The purpose of this training program is to train trainees on the skills and techniques of implementing such life skill programs within existing personal adjustment services.

Maximum Enrollment: 8; Outside Applicants Accepted (priority given to Region VI rehabilitation personnel); Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 4 days; October 16, 1972 to October 19, 1972; January 15, 1973 to January 18, 1973; April 2, 1973 to April 5, 1973; July 9, 1973 to July 12, 1973

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

321 DAY OF REPORTING

Instructors: Arkansas Rehabilitation Research and Training Center Research Faculty

For: Rehabilitation Personnel

Description and Objectives:

The objectives of the Day of Reporting are to: (1) provide feedback from completed or ongoing research projects; (2) further facilitate understanding of research; (3) explain the potential usefulness of findings and the implication of research findings to field personnel (especially facility staff) in rehabilitation work; and (4) further facilitate communication and cooperation among research personnel and practitioners.

The training activity will be designed to focus around the research activities at the Hot Springs Rehabilitation Center. Presentations of a more informal nature will take place by research faculty of the Arkansas Rehabilitation Research and Training Center who have been involved in research at the Center. The presentations will focus upon the potential usefulness and implementing such research.

Maximum Enrollment: 50; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 1 day; October 20, 1972

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

322 GROUP COUNSELING WITH THE DEAF

Instructors: Bob Means, Ph.D. and Selected Research and Training Staff

For: Deaf Community Counseling and Referral Service Staff

Description and Objectives:

The course involves pre- and post-workshop selected reading. During the workshop the following areas are covered: selection and size of group, objective of group, the leader's resources, a structured approach to initiating the group, and special techniques. During the workshop, participants will receive handouts and will view video tape of certain group activities.

The objectives are to provide participants with a basic practical understanding of the group process and to provide them with the skills necessary for the facilitation of the process. The program is nontheoretical, providing only the basic elements and techniques which result in therapeutic group movement.

Maximum Enrollment: 8; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 3 days; November 1, 1972 to November 3, 1972

For Registration or Additional Information write to:
Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

323 INTERPERSONAL SKILLS FOR TRAINERS

Instructor: Thomas R. Collingwood, Ph.D.

For: Rehabilitation Counselor Educators

Description and Objectives:

The initial part of the program will teach the participants to communicate and discriminate at high levels on the following counseling dimensions: empathy, respect, genuineness, concreteness, confrontation, immediacy, and self-disclosure. The latter part of the program will be concerned with instructing the participants in the use of training aids and conducting Interpersonal Skills Training Programs. Participants will be required to submit counseling tapes and respond to selected written client statements as part of selection criteria. Those selected for training will be required to familiarize themselves with selected readings relevant to the training.

The objective of the program is to produce competent university-based Interpersonal Skills trainers. Training is of a continuing nature with two training blocks over a six-month period. The initial training block is for three days (24 hours) followed by a five-day block (40 hours) at a later date. Between training blocks and following the final training period Research and Training faculty will be available for consultation.

Maximum Enrollment: 8; Outside Applicants Accepted (priority given to Region VI personnel); Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 8 days; October 25, 1972 to October 27, 1972 and January 22, 1973 to January 26, 1973

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

324 ANNUAL ARKANSAS REHABILITATION RESEARCH AND TRAINING CENTER RESEARCH CONFERENCE

Instructors: Arkansas Rehabilitation Research and Training Center Faculty

For: Appropriate personnel from state rehabilitation agencies; e.g., research utilization specialists, agency research representatives, practitioners interested and/or involved in research activities, etc.; Research and Training Center Representatives; Rehabilitation counselor education program representatives and other interested and involved applicants

Description and Objectives:

The objectives of the Arkansas Rehabilitation Research and Training Annual Research Conference are: (1) to disseminate some of the major findings of research at the Center; (2) to encourage discussion of the implications and potential meaningfulness of the research findings; (3) to provide the opportunity for input from other centers, state agencies, universities, etc., in an effort to obtain an overall picture of ongoing rehabilitation research not yet reported in the literature; and (4) to attempt to facilitate more cooperative efforts among research generators. In addition, it is expected that the conference will emphasize the importance and practicality of rehabilitation research to field personnel.

The research conference will be designed in the following format:

1. There will be several (3-5) presentations based upon major, cohesive research efforts. These presentations will be invited speakers who are participating in major research endeavors in rehabilitation. Speakers will also include persons invited from agencies such as research utilization specialists who specialize in the dissemination and facilitation of the utilization of research.
2. Small group discussions will be focused upon (a) the major presentations and (b) the reports by group discussion leaders on other research. The small group leaders will be either people involved in the generation of research or in the emphasis upon research dissemination and utilization.
3. The small group discussions will be designed so that each group focused upon a different area of research; e.g., welfare research, deaf research, agency effectiveness research, etc.
4. There will be a brief summary of each group discussion by one of the group members.

Maximum Enrollment: 100; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours for 2 days and 4 hours for 1 day; November 8, 1972 to November 10, 1972

For Registration or Additional Information write to:
Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

325 INTERPERSONAL SKILLS TRAINING FOR REHABILITATION SECRETARIES

Instructors: Selected Research and Training Staff

For: Thirty-six members of the National Rehabilitation Secretaries Association

Description and Objectives:

The program is a combination of: didactic, experiential, pre- and post-program readings and role playing. Emphasis will be placed on developing in the participants an ability to communicate at a facilitative level on Empathy, Respect and Genuineness.

The objective is to train the participants in more effective ways of relating to staff and clients.

Maximum Enrollment: 36; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; November 15, 1972 to November 17, 1972

For Registration or Additional Information write to:
Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

326 DYNAMICS OF THE HELPING RELATIONSHIP

Instructors: Bob L. Means; Ph.D.; Thomas R. Collingwood, Ph.D.

For: Rehabilitation counselors who are participating in the Uniformity and Differential Rehabilitation Practices in the State-Federal Rehabilitation Program study

Description and Objectives:

The program is conducted on an integrated didactic-experiential basis. Pre-workshop reading is required. During the workshop the participants will respond to recorded client excerpts and be involved in role playing.

The objective is to increase the participants' ability to communicate at high facilitative levels on the following counseling dimensions: empathy, respect, genuineness, concreteness, confrontation, self-disclosure, and immediacy.

This program is a joint effort of the training and research staff in which the effects of the training will be examined over a long period of time within the context of multiple client and counselor pre- and post-measures.

Maximum Enrollment: 20; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 3 days; November 27, 1972 to November 29, 1972

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

327 REGIONAL TRAINING WORKSHOP

Instructors: Bob Means, Ph.D. and selected Research and Training Staff

For: Supervisors of Staff Development, Regional Training Officer—Region VI

Description and Objectives:

The program will be a task-oriented group discussion including the following topics: communication structure, establishment of training priorities, explanation of new and expanded training programs, identification of projected regional training needs, and explanation of role and relationships of Research and Training Advisory Committee as it relates to training.

The objective of the program is to develop a more unified and cooperative training effort between Research and Training Center and Region VI State Agencies.

Maximum Enrollment: 8; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; December 1972 to April 1973

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

328 DEVELOPING A COMMUNITY COUNSELING AND REFERRAL SERVICE TO SERVE THE DEAF

Instructors: Selected Research and Training Staff and Consultants

For: Administrators and Supervisors

Description and Objectives:

The program is oriented toward preparing the participants to organize a community counseling and referral service for the deaf. A booklet entitled "Guidelines for Developing a Community Counseling and Referral Service for the Deaf" will be distributed prior to the program. The program will focus on discussing the implications for practice contained in the guidelines. The following topics will be covered: Selection of staff, organization of service, training of staff, community resources, referral resources, services needed, evaluation and expanding vocational opportunities for the deaf.

The objective of the program is to examine the needs of the deaf in the community and to aid the administrator and supervisor in the initiation of a community counseling and referral service for the deaf.

Maximum Enrollment: 30; Outside Applicants Accepted (priority given to Region VI personnel); Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; February 5, 1973 to February 6, 1973

For Registration or Additional Information write to:
Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

329 THE ROLE AND SIGNIFICANCE OF INTERPERSONAL SKILLS AS IT RELATES TO REHABILITATION CLIENT OUTCOME

Instructors: Selected Research and Training Staff

For: Rehabilitation Administrators, Supervisors

Description and Objectives:

The program will concern itself with the role and significance of interpersonal skills in the rehabilitation process. Research will be reviewed in the following areas: Relationship of interpersonal skills functioning level and client outcome by disability group, and cost benefit analysis. Procedures for implementing interpersonal skills training will be presented and discussed.

The purpose of the program is to inform rehabilitation administrators and supervisors of the effects on client outcome of different levels of interpersonal skills functioning, and to describe procedures for implementing interpersonal skills training.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; February 26, 1973 to February 27, 1973

For Registration or Additional Information write to:
Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

330 SUMMER EMPLOYMENT PROGRAM FOR ECONOMICALLY DISADVANTAGED AND DISABLED YOUTHS

Instructors: Bob L. Means, Ph.D. and selected Research and Training Staff

For: Disabled or disadvantaged high school youths who have good academic potential for attending college.

Description and Objectives:

Trainees will be assigned to assist researchers in gathering, cataloging, and maintaining data or to perform other tasks as they may relate to their job assignment. Each trainee will have wide exposure to many research problem areas and techniques. The specific job areas in which trainees may acquire experience include: checking and compiling statistics, rating or segmenting tapes, scoring and recording test data, IBM card punch and sorting, Center library work, keeping of time cards, maintenance of case files, typing, preparation of mail, operation of office machines, transcription of tapes and recording research data.

In addition to the orientation and on-the-job training, each trainee will be involved in a formal weekly training session for approximately two hours duration involving various aspects of careers related to the helping professions with emphasis on rehabilitation areas. These training sessions will be conducted by professional staff members of the Research and Training Center and/or the University teaching staff. Emphasis will be placed on specific occupations including entry requirements, educational requirements, experience and other factors essential for success in any given profession. Whenever possible, films, slides, tapes and other media will be employed. The specific purpose of this phase of the program is to give a broad general background of several vocational areas.

Objectives: To provide meaningful work experiences; enhance personal growth; create a desire to complete high school and pursue a college education; generate interest in a career in the rehabilitation or health-related professions.

Maximum Enrollment: 30; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 92 days; June 1, 1973 to August 31, 1973

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

331 STATE REHABILITATION AGENCY PROJECT REPORT

Instructors: Stanford Rubin, Ed.D.; Bill Richardson, Ed.D.; Jerold Bozarth, Ph.D.

For: State Agency Directors, Coordinators of the project in participating states, Counselors participating in the project, Counselors-Administrators-Rehabilitation Personnel in general

Description and Objectives:

This training activity is scheduled to be the verbal report of a major research project in state rehabilitation agencies sponsored by the Council of State Directors and conducted by the Arkansas Rehabilitation Research and Training Center. The objectives of the training activity are to: (1) summarize the major findings of the research project; (2) point out the implications of such findings; (3) encourage input and feedback among research personnel and practitioners; (4) promote the concept of the usefulness of research for people in the field; and (5) obtain suggestions of the importance to practitioners in order to continue research activities in state rehabilitation agencies.

The training activity will be composed of speakers including the personnel working on the research project, and representatives from the Goals and Standards Committee of the Council of State Directors who initiated and sponsored the project.

Maximum Enrollment: 200; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours and 4 hours (1½ days); August 1, 1973 to August 2, 1973

For Registration or Additional Information write to:
Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

332 FACILITATIVE MANAGEMENT IN REHABILITATION COUNSELING

Instructors: Jerold D. Bozarth, Ph.D.; Stanford Rubin, Ed.D.

For: Rehabilitation Counselors; Rehabilitation Supervisors; In-Service Training Directors

Description and Objectives:

The objectives of this training activity are: (1) to provide a functional model and practical approach to rehabilitation counselors related to their counseling role with clients; (2) to offer counselors, supervisors, and in-service training directors the opportunity to learn a model which incorporates many of the known psychological principles and approaches in the rehabilitation job role in a way which more adequately labels rehabilitation counseling performance; (3) to allow the participants to have the opportunity to review actual segments of tape recordings of rehabilitation counselors with their clients and compare the unique elements of the facilitative management model in the actual functioning; and (4) to provide the participants with an opportunity to review their own tapes with clients in terms of their functioning as facilitative managers and to improve their job role in that respect.

The training activity will include: (1) a description of the facilitative management model; (2) the facilitative management model will also be demonstrated via tape recorded sessions of counselors with their clients illustrating specific points in the facilitative management model; and (3) general discussion groups will analyze the tape examples and conceptual ideas of the model.

Maximum Enrollment: 20; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours (2 days per workshop); August 15, 1973 to August 16, 1973 and August 27, 1973 to August 28, 1973

For Registration or Additional Information write to:
Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

333 CONSULTATIVE SERVICES

Instructors: Selected Research and Training Staff

For: Social and Rehabilitation Personnel—Region VI

Description and Objectives:

Research and Training will provide consultative services in the following areas: PA/VR Services and Training; Deaf Services and Training; Interpersonal Skills Training; Personal Adjustment Programs; Minority Participation; Rehabilitation Research; Group Counseling.

Maximum Enrollment: Not Applicable; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; further scheduling not applicable

For Registration or Additional Information write to:
Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

334 DYNAMICS OF THE HELPING RELATIONSHIP

Instructors: Roy C. Farley; A.J. Baker

For: Rehabilitation Personnel who have a significant amount of interaction with clients

Description and Objectives:

The program is conducted on an integrated didactic-experiential basis. Pre-workshop reading is required. During the workshop the participants will respond to recorded client excerpts and be involved in role playing. The objective of the program is to increase the participants' functioning level on the following helping dimensions: Empathy, Respect, Genuineness, Concreteness, Confrontation, Immediacy and Self-Disclosure.

Maximum Enrollment: 10 per workshop; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 3 days; 4 per month

For Registration or Additional Information write to:
Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

335 ADVANCED PSYCHOSOCIAL COUNSELING WORKSHOP

Instructors: Thomas R. Collingwood, Ph.D.; Bob L. Means, Ph.D.; and selected Research and Training Personnel

For: Rehabilitation Personnel whose major job duties involve facilitating client change through an in-depth counseling process

Description and Objectives:

This program is designed for those persons who have developed basic counseling skills and are prepared to develop advanced skills in counseling. The following topics will be covered during the program: Functional elements of counseling theories and preferred modes of treatment. The program will involve formal presentations, video tapes, discussions and practicum experiences. Pre-workshop reading will be required of participants.

The objectives are to prepare rehabilitation personnel to work more effectively with rehabilitation clients presenting psychosocial problems and to train participants to the level of proficiency that they can assist and/or advise other rehabilitation workers with clients who present these problems.

Maximum Enrollment: 10 per workshop; Outside Applicants Accepted (priority given to Region VI rehabilitation personnel); Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 3 days; dates and number of workshops to be decided in consultation with regional office

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

336 AN APPROACH TO INTEGRATION OF SOCIAL AND REHABILITATIVE SERVICES

Instructors: Selected Research and Training Staff

For: Social and Rehabilitative Services Personnel who will be involved in integration of services

Description and Objectives:

The primary objective of the program will be to familiarize Social and Rehabilitative Personnel with services available from agencies other than their own, and how to utilize their own service in coordination with other resources to realize the greatest client gain. Other objectives are to be decided by the Social and Rehabilitative Services Planning Committee.

Training methods and procedure are to be decided.

Maximum Enrollment: to be decided; Outside Applicants Accepted (priority will be given to Region VI rehabilitation personnel); Academic Credit Not Available

Schedule: Short-term; further scheduling to be decided

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

337 INSTITUTE OF REHABILITATION STUDIES TRAINING

Instructors: Selected Research and Training Staff

For: Rehabilitation Personnel

Description and Objectives:

To be decided by Institute of Rehabilitation Studies prime study group. Training will be in the general area of rehabilitation of the deaf.

Maximum Enrollment: to be decided; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; further scheduling to be decided

For Registration or Additional Information write to:
Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

338 GROUP COUNSELING IN REHABILITATION

Instructor: Bob L. Means, Ph.D.

For: Psychologists, Counselors and Evaluators who are preparing to work with rehabilitation clients in a group setting

Description and Objectives:

The course involves pre- and post-workshop selected reading. During the workshop the following areas are covered: Selection and size of group, objective of group, the leader's resources, a structured approach to initiating the group, and special techniques. During the workshop, participants will receive handouts and will view video tape of certain group activities.

The objectives are to provide participants with a basic practical understanding of the group process and to provide them with the skills necessary for the facilitation of the process. The program is nontheoretical, providing only the basic elements and techniques which result in therapeutic group movement.

Maximum Enrollment: 8; Outside Applicants Accepted (priority given to Region VI personnel); Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 3 days; dates to be decided based on requests

For Registration or Additional Information write to:
Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

339 GRADUATE ASSISTANTSHIPS WITH RESEARCH AND TRAINING CENTER

Instructors: Selected Research and Training Staff

For: Graduate Students in social and rehabilitative preparatory programs

Description and Objectives:

This program is designed to provide students with experience in conducting rehabilitation research and to orient them to the various positions available in social and rehabilitative service agencies.

The objective is to increase manpower in social and rehabilitative service programs.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; to be arranged to fit student schedule

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

340 INCREASING MINORITY PARTICIPATION IN STATE AGENCIES

Instructors: Vernon Glenn, Ed.D. and Selected Research and Training Staff

For: Vocational Rehabilitation Administrators, Supervisors, and Staff

Description and Objectives:

The training will serve to increase participants' awareness of his or her own feelings and assumptions toward minority group members and, hopefully, will cause each to examine his own level of commitment. It will serve as a method of communication for exchange of ideas between supervisors, administrators and staff and between minority and nonminority staff members. It will encourage commitment and change from within the agency rather than compliance to rules and regulations made outside the agency.

The objectives of the program are to sensitize the participants to minority problems and to facilitate each participant to develop a personal agenda for equitable practices.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours (1½ days); dates to be arranged

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

341 REHABILITATION COUNSELING INTERNSHIP WITH THE LOW-ACHIEVING DEAF CLIENT

Instructors: Bob L. Means, Ph.D. and selected Research and Training Staff

For: Master-level Rehabilitation Counselor Interns

Description and Objectives:

The internship is designed to provide the student an orientation and experience in providing comprehensive rehabilitation services.

The objective of the program is to prepare the student to serve as a counselor with the low-achieving deaf client.

Maximum Enrollment: 3; Outside Applicants Accepted (priority given Region VI personnel); Academic Credit Available

Schedule: Long-term; 8 hours per day for 90-180 days; continuous program

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

342 REHABILITATION COUNSELING INTERNSHIP WITH THE PUBLIC ASSISTANCE VOCATIONAL REHABILITATION CLIENT

Instructors: Bob L. Means, Ph.D. and selected Research and Training Staff

For: Master-Level Rehabilitation Counselor Interns

Description and Objectives:

The internship is designed to provide the student an orientation and experience in providing comprehensive rehabilitation services.

The objective of the program is to prepare the student to serve as a counselor with the public assistance vocational rehabilitation client.

Maximum Enrollment: 3; Outside Applicants Accepted (priority given Region VI personnel); Academic Credit Available

Schedule: Long-term; 8 hours per day for 90-180 days; continuous program

For Registration or Additional Information write to:

Bob L. Means, Ph.D., Director of Training
Arkansas Research and Training Center
Hot Springs Rehab. Center
Hot Springs, Arkansas 71901

343 DRUG EDUCATION

Instructor: Richard Roessler, Ph.D.

For: Graduate and Undergraduate Students

Description and Objectives:

This is a graduate course in the College of Education to be offered during the Fall and Spring Semesters to be aimed at providing rehabilitation personnel and educators with information on drug use and abuse and how schools, state agencies, and community resources can be utilized in meeting the needs of drug problems.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; Fall and/or Spring (regular semester)

For Registration or Additional Information write to:
Registrar
University of Arkansas
Fayetteville, Arkansas

344 VOCATIONAL REHABILITATION

Instructor: Larry Dickerson, Ph.D.

For: Graduate Students

Description and Objectives:
A survey of Federal and State Vocational Rehabilitation programs with emphasis on approaches to serving the various disability groups.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; Fall and/or Spring (regular semester)

For Registration or Additional Information write to:
Registrar
University of Arkansas
Fayetteville, Arkansas

345 SEMINAR ON METHODS AND TECHNIQUES OF COUNSELING IN REHABILITATION

Instructors: Selected Research and Training Staff

For: Graduate and Undergraduate Students

Description and Objectives:
Basic methods and techniques of counseling will be covered. Emphasis will be on elements of the theories and techniques which are appropriate for rehabilitation practice.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; Spring 1973 (regular semester)

For Registration or Additional Information write to:
Registrar
University of Arkansas
Fayetteville, Arkansas

346 SEMINAR ON GROUP COUNSELING IN REHABILITATION

Instructors: Bob L. Means, Ph.D. and Selected Research and Training Staff

For: Graduate and Undergraduate Students

Description and Objectives:
Group counseling techniques and theories will be covered. Emphasis will be on orienting the group process to the particular needs of rehabilitation clients.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; Spring 1973 (regular semester)

For Registration or Additional Information write to:
Registrar
University of Arkansas
Fayetteville, Arkansas

347 UNIVERSITY COURSES

Instructors: Selected Research and Training Faculty

For: University Students pursuing social and rehabilitative and related degrees.

Description and Objectives:
Proposed courses include: Methods and Techniques of Counseling; Supervised Practice in Adolescent-Adult Counseling; Group Procedure in Guidance; Vocational Rehabilitation; Advanced Counseling Theory and Methods; Seminar in Counseling Education; Theories and Techniques of Group Counseling; Human Relations Seminar (Summer-1973); Counselor Education-Practicum (Spring Semester-1973); Social and Psychological Aspects of Behavior; Applied Educational Statistics.

Maximum Enrollment: 20 per course; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; regular course schedule

For Registration or Additional Information write to:
Registrar
University of Arkansas
Fayetteville, Arkansas

RT-15

University of West Virginia

348 HELPING: A BEHAVIORAL APPROACH

Instructors: Joseph B. Moriarty, Ph.D.; West Virginia Research and Training Center

For: All Levels of Vocational Rehabilitation Personnel

Description and Objectives:

This course is designed to prepare rehabilitation workers to have a better understanding of the basic principles of Human Behavior. Through the techniques of applied behavior change processes, the program will instruct participants in the methodology of affecting positive change in "so-called" problem cases. The need for universal terminology in dealing with and helping handicapped individuals will be emphasized. In addition, the principles of positive reinforcement, extinction and shaping of behavior will be stressed.

Maximum Enrollment: 25 per class; Outside Applicants Accepted; Academic Credit Not Available (certificates awarded by West Virginia University)

Schedule: Short-term; 6 hours per day for 2 days; as needed throughout the year

For Registration or Additional Information write to:
Paul A. Leary, Ed.D., Director of Training
West Virginia R&T Center
Institute, West Virginia 25112

349 AUDIOVISUAL AIDS TO INSTRUCTION ON A LIMITED BUDGET

Instructor: Mr. Thomas Mitchell

For: Vocational Instructors in Rehabilitation

Description and Objectives:

This course is designed to apprise vocational instructors on how to develop instructional software so as to increase the effectiveness of their training areas. Topics to be covered include preparation of overhead transparencies, slide presentations, audio tapes, etc.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 1 day; Fall 1972 and as needed throughout the year

For Registration or Additional Information write to:
Paul A. Leary, Ed.D., Director of Training
West Virginia R&T Center
Institute, West Virginia 25112

350 INTERPERSONAL SKILLS WORKSHOP FOR REHABILITATION COUNSELORS

Instructors: Bob Means, Ph.D., Director of Training, Arkansas Research and Training Center

For: Rehabilitation Counselors and Other Human Service Workers

Description and Objectives:

This workshop is designed to train staff from education and other Human Service Agencies in more effective ways of relating to staff and students. Other objectives include to familiarize participants with the dynamics of interpersonal skills and to demonstrate their effectiveness in bringing about positive changes in behavior.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; dates to be determined

For Registration or Additional Information write to:

Paul A. Leary, Ed.D., Director of Training
West Virginia R&T Center
Institute, West Virginia 25112

351 REGIONAL TRAINING PROGRAM

Instructors: William Phelps, M.A.; Jack Reno, M.A.

For: Vocational Rehabilitation and Human Resource Personnel throughout HEW Region III

Description and Objectives:

This regional program conducts short-term in-service training for rehabilitation personnel periodically throughout the year. To date the project has conducted training in the areas of: (1) Public Assistance/Vocational Rehabilitation joint training; (2) Pneumoconiosis, (3) Neurological impairments, (4) MODAPTS training (time studies for rehabilitation facilities) and (5) Spinal cord injured. Training of aforementioned type and training in the areas of (1) Paraprofessional personnel, (2) Caseload management, and (3) planning and developmental training, are also planned in the coming year.

Maximum Enrollment: varies from seminar to seminar; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; time varies in length according to program; scheduled periodically through the year

For Registration or Additional Information write to:

Paul A. Leary, Ed.D.
Director of Training
West Virginia R&T Center
Institute, West Virginia 25112

352 HELPING: A BEHAVIORAL APPROACH FOR STATE TRAINING OFFICERS AND LOCAL TRAINING COORDINATORS

Instructors: Joseph B. Moriarty, Ph.D.; Paul A. Leary, Ed.D.

For: State Vocational Rehabilitation Training Officers and Local Training Coordinators throughout HEW Region III

Description and Objectives:

This short-term program is designed to orient training officers and local training coordinators to the Research and Training Center's new audiovisual "packaged" program dealing with techniques for effecting positive behavioral change in rehabilitation clients. The program consists of sixteen, self-standing audiovisual units for rehabilitation personnel. In addition to the 35 mm visuals and audio cassettes, the "package" will include workbooks, guided group discussion materials and an evaluation instrument to determine effectiveness. It is expected that the trainers who take this course will then return to local situations and train all rehabilitation personnel under their jurisdiction using the Research and Training Center's "packaged" program.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; Fall, Winter of 1972, 1973

For Registration or Additional Information write to:

Paul A. Leary, Ed.D., Director of Training
West Virginia R&T Center
Institute, West Virginia 25112

253 ART AND SCIENCE OF TEACHING

Instructor: Paul A. Leary, Ed.D., Director of Training, West Virginia Research and Training Center

For: Teachers and Vocational Instructors in Rehabilitation Settings

Description and Objectives:

This educational program is designed to assist rehabilitation teachers in the identification and application of basic instructional skills and techniques in their work. Special emphasis will be placed upon the dynamics which are particularly effective in working with the handicapped. Behavior modification techniques augment the curriculum.

Maximum Enrollment: 25-30; Outside Applicants Accepted; Academic Credit Not Available (certificate granted by West Virginia University)

Schedule: Short-term; 8 hours per day for 1½ days; as needed throughout the year

For Registration or Additional Information write to:

Paul A. Leary, Ed.D., Director of Training
West Virginia R&T Center
Institute, West Virginia 25112

354 DEVELOPMENT OF AUDIOVISUAL ORIENTATION PROGRAMS FOR VOCATIONAL REHABILITATION PERSONNEL

Instructors:	Raymond Sankovsky, Ph.D., Alabama Rehabilitation Media Service
For:	Rehabilitation Facility Personnel

Description and Objectives:

This course is designed to apprise personnel in rehabilitation facilities as to how to construct orientation to the facility, for both incoming clients and the general public. Participants will learn how to take appropriate photographs, script write about the facility in appropriate terms, coordinate the slides with the script and pace the program so that it is instructionally sound and appropriate.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 4 days; Fall 1972

For Registration or Additional Information write to:

Paul A. Leary, Ed.D., Director of Training
West Virginia R&T Center
Institute, West Virginia 25112

355 HOW TO SELECT, ADMINISTER AND INTERPRET PSYCHOLOGICAL TESTS

Instructor:	Joseph B. Moriarty, Ph.D., West Virginia Research and Training Center
For:	Vocational Rehabilitation Counselors

Description and Objectives:

This short-term program is designed to assist Vocational Rehabilitation Counselors in the do's and don'ts of selection, interpretation and administration of psychological instruments. The identification of particular tests needed to meet unique situations will be considered from an individual as well as a group testing point of view. The application of test results toward effective rehabilitation planning will be stressed.

Maximum Enrollment: 25 per session; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 1 day; as needed throughout the year

For Registration or Additional Information write to:

Paul A. Leary, Ed.D., Director of Training
West Virginia R&T Center
Institute, West Virginia 25112

356 THE TRAINER AS AN AGENT OF CHANGE

Instructor:	Paul A. Leary, Ed.D., Director of Training, West Virginia Research & Training Center

For: Local Training Coordinators from Vocational Rehabilitation Field Offices, Special Projects and Facilities from Region III

Description and Objectives:

This short course is designed to assist those individuals assigned the responsibility for providing training at the local level. The primary objective is to educate local trainers toward a recognition of the significance of their role in influencing job performance of rehabilitation practitioners.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; dates to be determined

For Registration or Additional Information write to:

Paul A. Leary, Ed.D., Director of Training
West Virginia R&T Center
Institute, West Virginia 25112

357 BASIC TECHNIQUES OF DESIGNING MATERIALS FOR AUDIOVISUAL PRESENTATIONS

Instructor: Mr. Thomas Mitchell

For: Training Officers and Local Training Coordinators from Region III

Description and Objectives:

This short course is designed to assist those individuals assigned the responsibility for providing training at the local level. Participants will learn how to use audiovisuals and how to prepare materials for enhancing training.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; as needed throughout the year

For Registration or Additional Information write to:

Paul A. Leary, Ed.D., Director of Training
West Virginia R&T Center
Institute, West Virginia 25112

358 HOW TO SELECT, ADMINISTER AND INTERPRET PSYCHOLOGICAL TESTS

Instructors: Joseph B. Moriarty, Ph.D., West Virginia R&T Center; Paul A. Leary, Ed.D., West Virginia R&T Center

For: State Training Officers and Local Training Coordinators

Description and Objectives:

This course is designed to orient training personnel and local training coordinators to a new mediated "packaged" program dealing with psychological testing titled "How to Select, Administer and Interpret Psychological Tests." The course consists of a programmed text for students accompanied by audio cassettes to teach participants how to administer and score each of the nine tests included in the "testing kit" suggested for counselor use. It is expected that the trainers who take this course will then return to local situations and train all counselors under their jurisdiction. (State Vocational Rehabilitation Agency training directors in HEW Regions III, IX, and X have already been trained to do this, as well as local training coordinators in the West Virginia Vocational Rehabilitation Agency.)

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 2 days; as needed throughout the year

For Registration or Additional Information write to:
Paul A. Leary, Ed.D., Director of Training
West Virginia R&T Center
Institute, West Virginia 25112

359 PLACEMENT ACTIVITIES FOR HUMAN SERVICE PERSONNEL

Instructors: Mark Smith, M.A. and others

For: Human Service Personnel in Region III

Description and Objectives:
This short course is designed to acquaint Human Service personnel with the importance of placement activities. Resource persons with placement backgrounds will discuss with participants alternatives and proposed systems appropriate to how professionals can help clients enter into the world of work. Employment opportunities with Federal, State and Local governmental agencies will be thoroughly discussed.

Maximum Enrollment: 30-50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 5 days; Fall 1972

For Registration or Additional Information write to:
Paul A. Leary, Ed.D., Director of Training
West Virginia R&T Center
Institute, West Virginia 25112

360 INTRODUCTION TO THE BASIC PRINCIPLES OF MANAGEMENT

Instructor: Paul A. Leary, Ed.D., Director of Training, West Virginia Research and Training Center

For: Vocational Rehabilitation Supervisors from Region III

Description and Objectives:
The seminar will historically and philosophically review the various managerial techniques available for use today along with

their strengths and weaknesses. A special emphasis will be placed upon the managing and supervising of personnel. Special problems of individual participants will be focused upon through discussion, role-playing and group interaction.

Maximum Enrollment: 20 per class; Outisde Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 6 hours per day for 3 days; as needed throughout the year

For Registration or Additional Information write to:
Paul A. Leary, Ed.D., Director of Training
West Virginia R&T Center
Institute, West Virginia 25112

RT-16

University of Oregon

361 THE NURSE IN THE REHABILITATION OF THE MENTALLY RETARDED

Instructor: Dr. Philip L. Browning

For: Registered Nurses

Description and Objectives:

This seminar is designed to provide an introductory overview of the area of mental retardation as it relates to the field of nursing. Special attention will be given to various strategies and approaches for working with the retarded and their parents. The program is jointly sponsored by the Rehabilitation Research and Training Center in Eugene, Oregon and by the University of Oregon Medical School — University Affiliated Facility.

Maximum Enrollment: 30; Outside Applicants Accepted (primarily intended for persons from HEW Regions VIII, IX and X); Academic Credit Not Available

Schedule: Short-term; 10-14 hours per day for 4½ days; November 27 to December 1, 1972

For Registration or Additional Information write to:

Philip L. Browning, Director of Training
Clinical Services Building
University of Oregon
Eugene, Oregon 97403

362 BEHAVIOR MODIFICATION AS A REHABILITATION TOOL

Instructor: Dr. Philip L. Browning

For: Practitioners in helping services, e.g., special educators, social workers, nurses, rehabilitation counselors, school psychologists, etc.

Description and Objectives:

This seminar provides an introduction to the principles of behavior modification with particular attention devoted to aspects and methods of practical application. Emphasis will be given to task analysis, the successive approximation of target behavior through programming, and the relevance of current research for daily practice.

Maximum Enrollment: 30; Outside Applicants Accepted (primarily intended for persons from HEW Regions VIII, IX and X); Academic Credit Not Available

Schedule: Short-term; 10-14 hours per day for 4½ days; January 8 to January 12, 1973

For Registration or Additional Information write to:
Philip L. Browning, Director of Training
Clinical Services Building
University of Oregon
Eugene, Oregon 97403

363 STRATEGIES FOR THE EVALUATION OF SHORT-TERM TRAINING IN REHABILITATION

Instructor: Dr. Philip L. Browning

For: Rehabilitation personnel responsible for the administration, implementation, and/or evaluation of short-term training programs

Description and Objectives:

The purpose of this program is to provide the trainees with a current overview of procedures used for the evaluation of short-term training programs, many of which have been designed and/or implemented by the staff at this Center. A description of these methods should provide the trainees with a variety of strategies for short-term training program evaluation.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 10-14 hours per day for 2½ days; February 19 to February 21, 1973

For Registration or Additional Information write to:
Philip L. Browning, Director of Training
Clinical Services Building
University of Oregon
Eugene, Oregon 97403

364 MENTAL RETARDATION AND CORRECTIONS

Instructor: Dr. Philip L. Browning

For: Senior researchers representing universities and state rehabilitation and correction agencies

Description and Objectives:

This "special study" institute is designed to consider the issues related to incarcerated retarded populations. Participants will focus upon the vocational, educational, sociological, and psychological habilitation of the retarded prisoner. Formulation of efficient treatment programs will be discussed. The problems of parole and re-integration into society will also be examined.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2½ days; February 11, 1974 to February 13, 1974

For Registration or Additional Information write to:
Philip L. Browning, Director of Training
Clinical Services Building
University of Oregon
Eugene, Oregon 97403

365 THE VOCATIONAL REHABILITATION OF THE MENTALLY RETARDED

Instructor: Dr. Philip L. Browning

For: Experienced vocational rehabilitation counselors with specialized caseloads of retarded clients

Description and Objectives:

This seminar is designed to examine intensively the rehabilitation process as it relates to the retarded adolescent and adult. Particularly, emphasis will be placed upon work-study programs, placement models, the influence of community conditions on placement, resources for placement, and related topics.

Maximum Enrollment: 30; Outside Applicants Accepted (primarily intended for persons from HEW Regions VIII, IX and X); Academic Credit Not Available

Schedule: Short-term; 10-14 hours per day for 4½ days; September 17, 1973 to September 21, 1973

For Registration or Additional Information write to:

Philip L. Browning, Director of Training
Clinical Services Building
University of Oregon
Eugene, Oregon 97403

366 THE ROLE OF THE WELFARE SPECIALIST IN THE REHABILITATION OF THE MENTALLY RETARDED

Instructor: Dr. Philip L. Browning

For: Welfare Caseworkers and Social Workers

Description and Objectives:

This seminar is designed to provide an overview of the area of mental retardation as it relates to the field of welfare work. Particular emphasis will be given to philosophy, history, legislation, casework management, and models for practice.

Maximum Enrollment: 30; Outside Applicants Accepted (primarily intended for persons from HEW Regions VIII, IX and X); Academic Credit Not Available

Schedule: Short-term; 10-14 hours per day for 4½ days; July 16, 1973 to July 20, 1973

For Registration or Additional Information write to:

Philip L. Browning, Director of Training
Clinical Services Building
University of Oregon
Eugene, Oregon 97403

367 THE ROLE OF STATE LEGISLATORS IN THE AREA OF MENTAL RETARDATION

Instructor: Dr. Philip L. Browning

For: State Legislators

Description and Objectives:

This seminar is designed to provide introductory overview of the area of mental retardation to interested state legislators. Special attention will be given to identifying current problems and the need of legal action as a means of coping with these problems.

Maximum Enrollment: 30; Outside Applicants Accepted (primarily intended for legislators representing states in Region VIII, IX and X); Academic Credit Not Available

Schedule: Short-term; 10-14 hours per day for 2½ days; November 5, 1973 to November 7, 1973

For Registration or Additional Information write to:

Philip L. Browning, Director of Training
Clinical Services Building
University of Oregon
Eugene, Oregon 97403

368 INTRODUCTION TO THE REHABILITATION OF THE MENTALLY RETARDED

Instructor: Dr. Philip L. Browning

For: Vocational Rehabilitation Counselors who carry a general caseload

Description and Objectives:

This seminar is designed to provide an overview of the rehabilitation process as it relates to the adolescent and adult retarded. Particular consideration will be given to vocational evaluation, training, placement and related topics.

Maximum Enrollment: 30; Outside Applicants Not Accepted (primarily intended for persons from HEW Regions VIII, IX and X); Academic Credit Not Available

Schedule: Short-term; 10-14 hours per day for 4½ days; May 7, 1973 to May 11, 1973

For Registration or Additional Information write to:

Philip L. Browning, Director of Training
Research and Training Center in Mental Retardation
University of Oregon
Eugene, Oregon 97403

RT-17

New York University

369 ORIENTATION OF COUNSELORS WITH FEW DEAF CLIENTS

Instructors: Jerome D. Schein, Ph.D., Program Director; Glenn Lloyd, Ph.D., Director of Research; Frank Bowe, M.A., Assistant Research Scientists

For: Rehabilitation Counselors

Description and Objectives:

The objective is to improve the delivery of services to deaf clients through the in-service training of rehabilitation counselors. The material covered is especially designed for counselors who see only a few deaf clients in any year. It aims to acquaint the counselor with the problems of deafness and to teach him some communication skills which can be easily learned, quickly implemented, and long remembered.

The program will be offered in four different settings, with four sets of counselors, under two different time schedules:

New Jersey. Counselors in the Atlantic City region will meet for three half-day sessions, separated by one week each.

Albany, New York. Counselors from the Albany area will meet for a single session lasting one and one-half days.

Puerto Rico. Counselors from Puerto Rico will meet for a single one and one-half day session.

New York City. A group of New York City counselors will be given the program in three half-day sessions, each separated by one week.

The program is easily transmittable to other training agencies and can be made available in other locations on request.

Maximum Enrollment: open; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1½ days; dates to be announced

For Registration or Additional Information write to:
Jerome D. Schein, Ph.D., Director
Deafness R&T Center
80 Washington Square East, Room 51
New York, New York 10003

370 TECHNIQUES OF COMMUNICATING WITH DEAF PERSONS

Instructor: Carol Tipton, M.A.

For: Undergraduate and Graduate Students

Description and Objectives:

This special short-term summer session is offered to provide professional workers with deaf people with an opportunity for intensive summer study in the specific knowledge needed for work in this field. An introductory course in methods of communicating with deaf persons. Fingerspelling and sign language are demonstrated and practiced, with emphasis on the appropriate use of signs in various contexts. Special laboratory sessions are held daily to give an opportunity for extra practice.

Maximum Enrollment: open; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 4 hours per day for 15 days; July 2, 1973 to July 22, 1973

For Registration or Additional Information write to:
Jerome D. Schein, Ph.D., Director
Deafness R&T Center
New York University
80 Washington Square East, Room 51
New York, New York 10003

371 FIELDWORK IN DEAFNESS

Instructor: Doris W. Naiman, Ph.D.

For: Graduate Students

Description and Objectives:

The special short-term summer session is offered to provide professional workers with deaf people with an opportunity for intensive summer study in the specific knowledge needed for work in this field. This course provides clinical apprenticeships in which each trainee has a supervised practicum in his own specialty area in an agency or school serving deaf people. The trainee has an opportunity first to observe how a professional specialist from his own field conducts activities with deaf individuals, and then to carry on assignments under supervision. Individual conferences and integrative seminars are held to discuss problems and experiences.

Maximum Enrollment: open; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; July to August (dates to be arranged)

For Registration or Additional Information write to:
Jerome D. Schein, Ph.D., Director
Deafness Research & Training Center
80 Washington Square East, Room 51
New York University
New York, New York 10003

372 DISTURBANCES IN COMMUNICATION

Instructor: Doris W. Naiman, Ph.D.

For: Graduate Students preparing for work in the professional disciplines involved in the rehabilitation of deaf persons

Description and Objectives:

The purpose is to provide information about the various types of communicative disturbances the worker in deafness is likely to encounter. Emphasis is on those disturbances associated with mental deficit, sensory deficit, emotional disorders, and central nervous system involvements. Differential etiological and adjustive factors are reviewed and clinical observations conducted.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 2 hours per day for 15 days; February 5, 1973 to June 1, 1973

For Registration or Additional Information write to:
Jerome D. Schein, Ph.D., Director
Deafness R&T Center
New York University
80 Washington Square East, Room 51
New York, New York 10003

373 COMMUNITY SERVICE PROGRAMS FOR DEAF PERSONS

Instructor: Douglas Watson, Ed.D.

For: Graduate Students preparing for work in the professional disciplines involved in the rehabilitation of deaf persons

Description and Objectives:

The purpose is to study the organization, operation and objectives of various community facilities for deaf persons.

The trainees are given firsthand opportunities to observe the organization of the various agencies involved in the education and rehabilitation of the hearing handicapped in the greater New York area, to hear directly from directors of these agencies their philosophy of operation as well as the major problems they encounter, and to see interdisciplinary teams in action at the respective facilities. Opportunity is also provided to meet the deaf individual in the context of his own deaf society (clubs, organizations, social events, etc.).

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 2 hours per day for 15 days; September 21, 1972 to January 26, 1973

For Registration or Additional Information write to:
Jerome D. Schein, Ph.D., Director
Deafness R&T Center
New York University
80 Washington Square East, Room 51
New York, New York 10003

374 FIELDWORK IN DEAFNESS

Instructor: Doris W. Naiman, Ph.D.

For: Graduate Students preparing for work in the professional disciplines involved in the rehabilitation of deaf persons

Description and Objectives:

The purpose is to provide a clinical apprenticeship program in which each trainee has a supervised practicum in his own specialty area in an agency or school serving deaf people.

The trainee has an opportunity first to observe how a professional specialist from his own field conducts activities with deaf individuals, and then to carry on assignments under supervision. Ten hours a week are spent in supervised experience. Individual conferences and integrative seminars are held to discuss problems and provocative experiences.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 5 hours per day for 30 days; September 21, 1972 to January 26, 1973 and February 5, 1973 to June 1, 1973

For Registration or Additional Information write to:

Jerome D. Schein, Ph.D., Director
Deafness R&T Center
New York University
80 Washington Square East, Room 51
New York, New York 10003

375 PRINCIPLES, TECHNIQUES AND PROBLEMS OF PSYCHOLOGICAL COUNSELING WITH DEAF PEOPLE

Instructor: Douglas Watson, Ph.D.

For: Graduate Students preparing for work in the professional disciplines involved in the rehabilitation of deaf persons.

Description and Objectives:

The purpose is to provide information about the unique problems and special techniques of psychological counseling with deaf children, adolescents, adults, and their families.

Application of general counseling theories, principles, and practices in work with deaf persons in various settings. Areas considered include: personal, vocational, marital and psychiatric counseling.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 2 hours per day for 15 days; February 5, 1973 to June 1, 1973

For Registration or Additional Information write to:

Jerome D. Schein, Ph.D., Director
Deafness R&T Center
New York University
80 Washington Square East, Room 51
New York, New York 10003

376 RESEARCH IN DEAFNESS

Instructor: Jerome D. Schein, Ph.D.

For: Graduate Students preparing for work in the professional disciplines involved in the rehabilitation of deaf persons

Description and Objectives:

The purpose is to acquaint the trainees with current areas and levels of research in deafness, to increase trainees' awareness of problems in carrying out research with a deaf population, and to provide opportunity for developing and conducting studies. The course includes an introduction to the logic and methodology of research, with specific emphasis on those aspects of research most relevant to research in problems of deafness.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 2 hours per day for 15 days; September 21, 1972 to January 26, 1973

For Registration or Additional Information write to:

Jerome D. Schein, Ph.D., Director
Deafness R&T Center
New York University
80 Washington Square East, Room 51
New York, New York 10003

377 PSYCHOLOGY OF DEAFNESS I

Instructor: Jerome D. Schein, Ph.D.

For: Graduate Students preparing for work in the professional disciplines involved in the rehabilitation of deaf persons

Description and Objectives:

An analysis of the psychological aspects of deafness and the personal adjustment problems associated with various types of hearing loss. The emotional, vocational and educational consequences will be discussed in relation to their assessment and ways of dealing with them.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 2 hours per day for 15 days; September 21, 1972 to January 26, 1973

For Registration or Additional Information write to:

Jerome D. Schein, Ph.D., Director
Deafness R&T Center
New York University
80 Washington Square East, Room 51
New York, New York 10003

378 PSYCHOLOGY OF DEAFNESS II

Instructor: Jerome D. Schein, Ph.D.

For: Graduate Students preparing for work in the professional disciplines involved in the rehabilitation of deaf persons

Description and Objectives:

Emphasis is on the social psychological aspects of deafness, the deaf individual in society, the deaf community, and dynamics of social adjustment in relation to deafness. Areas considered include interpersonal relations, group processes, attitudes, mental health.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 2 hours per day for 15 days; February 5, 1973 to June 1, 1973

For Registration or Additional Information write to:

Jerome D. Schein, Ph.D., Director
Deafness R&T Center
New York University
80 Washington Square East, Room 51
New York, New York 10003

379 ADVANCED TECHNIQUES OF COMMUNICATING WITH DEAF PERSONS

Instructor: Carol Tipton, M.A.

For: Undergraduate and Graduate Students preparing for work in professional disciplines involved in the rehabilitation of deaf persons

Description and Objectives:

The purpose is to help students develop fluency both in expressive and receptive skills in manual communication.

In this advanced course, special emphasis is given to individual problems in the development of manual skills, and application of techniques is made to the field of service represented by each student. Deaf persons are invited as resource personnel for lectures. Such persons also provide demonstrations in which various communication techniques are used. Opportunity is provided for self-evaluation by videotape. Special laboratory sessions are held regularly to give an opportunity for extra practice.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 2 hours per day for 30 days; September 21, 1972 to January 26, 1973

For Registration or Additional Information write to:

Jerome D. Schein, Ph.D.
Director, Deafness R&T Center
New York University
80 Washington Square East, Room 51
New York, New York 10003

380 TECHNIQUES OF COMMUNICATING WITH DEAF PERSONS

Instructor: Carol Tipton, M.A.

For: Undergraduate and Graduate Students

Description and Objectives:

An introductory course in methods of communicating with deaf persons. Fingerspelling and sign language are demonstrated and practiced, with emphasis on the appropriate use of signs in various contexts. Special Laboratory Sessions are held regularly to give an opportunity for extra practice.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 2 hours per day for 30 days; September 21, 1972 to January 26, 1973 and February 5, 1973 to June 1, 1973

For Registration or Additional Information write to:

Jerome D. Schein, Ph.D., Director
Deafness R&T Center
New York University
80 Washington Square East, Room 51
New York, New York 10003

381 A GRADUATE PROGRAM OF MULTIDISCIPLINARY TRAINING IN THE AREA OF DEAFNESS

Instructors: Jerome D. Schein, Ph.D.; Doris W. Naiman, Ph.D.; Glenn Lloyd, Ph.D.; Douglas Watson, Ed.D.; Carol Tipton, M.A.; New York University Faculty

For: Graduate Students preparing for full-time work in the professional disciplines involved in the rehabilitation of deaf persons

Description and Objectives:

Deafness Research & Training Center cooperates with New York University departments to provide full professional training for needed personnel in those disciplines that are directly engaged in the rehabilitation of deaf people. The programs lead to the Master's degree, the Ed.D., or the Ph.D. degree. All candidates enroll for a program which provides, in addition to knowledge about deafness and practical experience working with deaf people, the requisite professional preparation for a specific career in deafness rehabilitation. Each student enrolls in the department of his specialization, and his program is planned jointly with that department and the Center.

Maximum Enrollment: Open; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; September 1, 1972 to August 31, 1973

For Registration or Additional Information write to:

Jerome D. Schein, Ph.D., Director
Deafness R&T Center
New York University
80 Washington Square East, Room 51
New York, New York 10003

RT-18

University of Southern California

382 WORKSHOP ON MEDICAL WRITING

Instructor: Helen J. Hislop, Ph.D.

For: Associated Health Professionals

Description and Objectives:
To improve the skills of literature searching, preparation of manuscripts, fundamentals of writing, and understanding of elementary statistics.

Maximum Enrollment: 40; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour/week for 14 hours; November 1972 to January 1973

For Registration or Additional Information write to:
Helen J. Hislop, Ph.D.
Director of Physical Therapy
Div. for Research and Training in Rehabilitation
University of Southern California
Rancho Los Amigos Hospital Office
Downey, California 90242

383 WORKSHOP ON PRINCIPLES AND METHODS OF CLINICAL RESEARCH

Instructors: Helen J. Hislop, Ph.D.; Lucy McDaniel, Ed.D.; Bryan Kemp, Ph.D.

For: Associated Health Professionals

Description and Objectives:
To provide background knowledge in methods of literature searches, development of hypotheses, research design, instrumentation, data collection procedures, data analysis and preparation of a research protocol.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 2-4 hours/week for 30 hours; September 1972 to January 1973

For Registration or Additional Information write to:
Helen J. Hislop, Ph.D.
Division for Research and Training in Rehabilitation
USC School of Medicine
1739 Griffin Avenue
Los Angeles, California 90033

384 (1) GAIT CLINIC (A TEACHING PROGRAM)
(2) ADVANCED GAIT CLINIC (A TEACHING PROGRAM)

Instructor: J. Perry, M.D.

For: Physical Therapists; Orthopaedic and Physical Medicine Residents; Rehabilitation Engineers; Graduate Students in Physical Therapy

Description and Objectives:

(1) A systematic and progressional analysis of gait problems related to neurological problems. Patients are used in the weekly sessions as are film loops which have been produced for teaching purposes.

(2) An advanced clinic is offered for those who wish to progress beyond the basic analytic techniques into more complex and diverse patient problems.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Available For P.T. Graduate Students

Schedule: Short-term; 1 hour per day for 10 days; Repeats every 10 weeks

For Registration or Additional Information write to:

J. Perry, M.D.
Chief, Kinesiology Service
Rancho Los Amigos Hospital
Downey, California 90242

385 CLINICAL SPECIALIST PROGRAM IN PHYSICAL THERAPY

Instructor: Helen J. Hislop, Ph.D.

For: Graduate Physical Therapists

Description and Objectives:

1. This program is designed for physical therapists who have demonstrated a high degree of proficiency in clinical practice and who wish to enhance their professional contributions through an opportunity for in-depth study and experience in a circumscribed area of practice.
2. To produce flexible thinking, critical, assertive professionals, well versed in the science and art of practice, who can contribute creatively and independently through problem-solving to the total care of the patient. These people must be prepared to assume leadership roles in physical therapy and thus be effective and proficient with administrative, supervision, and teaching functions. They must be able to work conjointly in a peer relationship with others on the health care team.
3. To train physical therapists in the context of the above as specialists in any of our defined areas of clinical practice. This will result in marked improvement in patient care as well as better evaluative and follow-up procedures. Also to be emphasized will be all elements of health maintenance in the health care continuum. The areas of specialization available are: (1) management of musculoskeletal disorders; (2) management of cardiorespiratory

disorders; (3) management of neurological disorders; and (4) management of pediatric disorders.

4. Roles to be filled by clinical specialists include positions of leadership in clinical practice, clinical teaching, academic teaching, and also in administration.
5. The need for specialty-trained physical therapists is imperative if the quality of physical therapy services is to be improved along with the expansion of numbers of therapists in the decades ahead. Quality service cannot be achieved without practitioners competent to plan and supervise clinical programs in a variety of settings. Permitting opportunity for high development of individual interests should, furthermore, fill an unmet need for superiorly trained personnel who will derive greater satisfaction from their professional efforts because of increased ability to contribute.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day; September 1972 to September 1974 (24-month program coincides with University Calendar)

For Registration or Additional Information write to:
Helen J. Hislop, Ph.D.
Director of Graduate Studies
Department of Physical Therapy
University of Southern California
Rancho Los Amigos Center
Horton Street
Downey, California 90242

386 CLINICAL NEUROLOGY FOR OCCUPATIONAL AND PHYSICAL THERAPISTS

Instructor: Helen J. Hislop, Ph.D.

For: Physical and Occupational Therapy Students. Other Allied Health Students Accepted also

Description and Objectives:

To present a course in clinical neurology integrated with the basic sciences of neurophysiology, neuro-anatomy, and muscle physiology to students in the basic professional programs in physical therapy and occupational therapy at the University of Southern California.

The course is not presented as a watered-down course in medical neurology but rather focuses on the functional problems treated by the therapist and presents the scientific background of the pathology and the rationale for treatment. Thus the course is divided into four segments: problems which result in (1) loss of motion, (2) excessive motion, (3) uncontrolled motion, and (4) sensory abnormalities. All lectures are combined with patient demonstrations prior to explanation of the problem and students are assigned to the neurology wards at Rancho Los Amigos Hospital for patient workups.

Maximum Enrollment: no limit; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 4 hours per day for 18 days; September 1972 to January 1973 and January 1973 to May 1973 (University Semesters)

For Registration or Additional Information write to:
Helen J. Hislop, Ph.D.
Department of Physical Therapy
USC Rancho Los Amigos Center
Horton Street
Downey, California 90242

387 CLINICAL PHYSIOLOGY OF NERVE AND MUSCLE

Instructor: Helen J. Hislop, Ph.D.

For: Allied Health Students

Description and Objectives:

An advanced analysis of muscle and nerve physiology related to problems of therapeutic exercise and management of physical disability.

Emphasis is on disorders of muscle and mechanisms of normal and abnormal muscle function.

Maximum Enrollment: not limited; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 18 days; February 1973 to June 1973 (one University Semester)

For Registration or Additional Information write to:
Helen J. Hislop, Ph.D.
Dept. of Physical Therapy
USC Rancho Los Amigos Center
Downey, California 90242

388 PHYSIOLOGICAL CORRELATES OF THERAPEUTIC EXERCISE

Instructor: Helen J. Hislop, Ph.D.

For: Allied Health and Medical Students

Description and Objectives:

A basic course to provide background information on the physiological bases for therapeutic exercise programs. Systems of the body stressed are muscle, cardiovascular, respiratory, metabolic endocrine and nervous systems as they relate to patients with disability.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 3 hours per day for 36 days; September 1972 to February 1973 (one University Semester)

For Registration or Additional Information write to:
Helen J. Hislop, Ph.D.
Director of Graduate Studies
Dept. of Physical Therapy
USC Rancho Los Amigos Center
Horton Street
Downey, California 90242

389 CLINICAL EXPERIENCE FOR PHYSICAL THERAPY STUDENTS

Instructor: Helen J. Hislop, Ph.D.; Hazel V. Adkins, M.A.

For: Physical Therapy Students—U.S. Citizens; Foreign Trained Graduate Therapists

Description and Objectives:

1. To provide post-academic clinical training necessary for professional certification in physical therapy (ongoing program).
2. To provide advanced training in rehabilitation for foreign trained physical therapists who wish to enter a six-month program tailored to their needs and experience.

Maximum Enrollment: 30; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 30 to 180 days; scheduled to suit student and institution

For Registration or Additional Information write to:

Hazel V. Adkins, M.A., Education Coordinator
Dept. of Physical Therapy
USC Rancho Los Amigos Hospital
Downey, California 90242

390 (1) INTRODUCTION TO REHABILITATION
(2) INTERNSHIP IN REHABILITATION COUNSELING

Instructor: Rosemary Callahan, M.S.

For: Master's Degree Students in Rehabilitation Counseling, USC

Description and Objectives:

To provide orientation and internship placements leading to clinical experience in rehabilitation counseling. Both short-termed orientation and longer-termed internship placements will be arranged for students in various facilities, i.e., Rancho Los Amigos Hospital, Orthopaedic Hospital, the Los Angeles County-University of Southern California Medical Center, Department of Rehabilitation, private and public agencies.

Maximum Enrollment: 25; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Internship in Rehabilitation Counseling - Long-term: 3 hours/day, 5 days/week, plus 2 half-day seminars on campus per week. Spring and Fall. Introduction to Rehabilitation - Short-term: 6 hours/day, one day/week, plus ½ day seminar on campus. Spring and Fall.

For Registration or Additional Information write to:

Rosemary Callahan, M.S., Director and Supervisor
Field Work Activities, USC
Department of Counselor Education
Waite Phillips Hall
University Park
Los Angeles, California 90007

391 INSTITUTES IN REHABILITATION

Instructors: Specialists in the area of each institute topic

For: Rehabilitation counselors in public and private agencies and graduate students in rehabilitation counseling; professional workers and students involved in the field of comprehensive rehabilitative care

Description and Objectives:

A series of 8 two-day institutes are sponsored by RT-18 during the period October 1972-May 1973. The objectives of the institutes are:

1. To provide information about the relationships between the medical, social and emotional components of illness or disability.
2. To demonstrate that there is a core of understanding about disability and rehabilitation that should be shared by all of the health professions.
3. To emphasize the need of the integration of the health professions and agency services in rehabilitative care.

Institutes will be held in the states comprising Region IX. Topics are as follows: Low Back Pain, Alcoholism/Drugs, Aging, Behavioral Disorders, Spinal Cord Injury, Mental Retardation, Correctional Rehabilitation, and Medical Consultation.

Methods of presentation include lectures, video-tapes and small group discussions.

Maximum Enrollment: 100; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day 2 days/institute; October 1972 to May 1973

For Registration or Additional Information write to:

Charlotte Taylor, M.S.
Dir. of Training, Div. for R&T in Rehabilitation
School of Medicine, USC
1739 Griffin Avenue, Room 102
Los Angeles, California 90031

392 SUMMER WORK-STUDY PROGRAM IN COMPREHENSIVE REHABILITATIVE CARE

Instructors: Elsbeth Kahn, Ph.D.; Charlotte Taylor, M.S. - USC, School of Medicine, Div. for R&T in Rehabilitation

For: Students who have completed their first year of training in health care fields such as medicine, nursing, physical therapy, occupational therapy, rehabilitation counseling, social work and public health administration

Description and Objectives:

The objectives of the program are:

1. To learn about rehabilitation needs of people with various chronic and catastrophic health problems.
2. To learn the broad spectrum of rehabilitation services.
3. To learn about team practice in rehabilitative care.
4. To become aware of existing community resources and unmet needs for rehabilitative care.

The overall goal of the program is to stimulate the interest of students in interdisciplinary practice in the field of comprehensive rehabilitative care. The students work in interdisciplinary teams. Each team observes and participates in a treatment facility two days a week, eight hours a day for eight weeks where team members observe the skills of their professional counterparts and develop their own skills. The teams visit a wide range of public and private health and welfare agencies. They come together for seminars and for small group discussion to integrate their experiences with theories of comprehensive rehabilitative care.

Maximum Enrollment: 25; Outside Applicants Accepted (Students attending school in Region IX accepted. Stipends of approximately $800 for duration of program); Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 60 days; June to August 1973

For Registration or Additional Information write to:
Mrs. Charlotte Taylor, Dir. of Training
Div. for R&T in Rehabilitation
USC School of Medicine
1739 Griffin Avenue, Room 102
Los Angeles, California 90031

393 VIDEO-TAPE MATERIALS ON COMPREHENSIVE REHABILITATION CARE FROM INSTITUTES

Instructors: —

For: —

Description and Objectives:
A library of videotapes of institutes that have been presented by RT-18 during the past three years is available for loan. The list of tapes includes institutes in: Alcoholism; Cerebrovascular Disease; Chronic Respiratory Disease; Drug Addiction; Epilepsy, Hemophilia; Rheumatic and Coronary Heart Disease; Cancer; Diabetes; Spinal Cord Injury; Renal Disease; Cerebral Palsy.

Address all inquiries concerning tape loans to:
Martin Blake
Division for Research and Training in Rehabilitation
1739 Griffin Avenue, Room 102
Los Angeles, California 90031
(213) 225-3115, ext. 73974

394 VIDEO-TAPE MATERIAL ON COMPREHENSIVE REHABILITATIVE CARE

Instructor: —

For: Medical Students

Description and Objectives:
The RT Center makes available its staff and a library of videotape material on comprehensive rehabilitation care to students in the USC School of Medicine for seminars and informal discussions.

For Additional Information write to:
Lorin L. Stephens, M.D.
Director, Div. for R&T in Rehabilitation
USC School of Medicine
1739 Griffin Avenue
Los Angeles, California 90031

395 MEDICAL SOCIAL SERVICE IN-SERVICE TRAINING

Instructors: Staff on Rotation in Consultation with Dr. Elsbeth Kahn and Mrs. Doris Bernhagen

For: All Medical Social Service Staff on various schedules

Description and Objectives:

In line with structural reorganization, team service models have been developed to assure better continuity of social care and to make social services within the hospital a self-sustaining system. Social Work teams will not employ a differential use of staff in providing services, without the Business Office function of establishing financial eligibility being a part of the function.

In-service training is geared toward clerical, Medical Social Work, and Medical Casework staff to assist them in learning and perfecting interviewing skills, inter-colleague relationships and interdisciplinary team relationship skills.

Refresher material will be offered to stimulate continued professional growth in casework, group work and consultation methods as they are used in our delivery of service to patients.

Maximum Enrollment: 128; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Long-term; time and dates undetermined

For Registration or Additional Information write to:
Mr. James E. Piazzola, Assistant Director
Medical Social Work, General Hospital
1200 N. State Street, Room 1250
Los Angeles, California 90033

RT-19

University of Alabama

396 RESIDENCY IN PHYSICAL MEDICINE AND REHABILITATION

Instructors: George H. Traugh, M.D.; Cecilio Nepomuceno, M.D.; Samuel Stover, M.D.; W.C. Fleming, M.D. (all physiatrists)

For: Physicians specializing in Physical Medicine and Rehabilitation

Description and Objectives:

The three-year PM&R Residency is approved by the University of Alabama and the American Board of PM&R. Rehabilitation in-patients are available in the Spain Rehabilitation Center, a 76-bed facility, with full-time faculty supervision of five physiatrists. Joint rounds are conducted with the Division of Rheumatology, Pulmonary Disease, Cardiology, and Orthopedic Surgery. An extensive pediatric rehabilitation program is also available with training and supervision in muscular dystrophy, multiple sclerosis, cerebral palsy, rheumatic diseases, and other primarily pediatric rehabilitation diseases. The six-bed in-patient consultation service is active at the Veterans Administration Hospital affiliated with the Medical Center.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; September 1972 to August 1973

For Registration or Additional Information write to:

George H. Traugh, M.D.
Assistant Professor, Rehabilitation Medicine
University of Alabama in Birmingham
University Station
Birmingham, Alabama 35294

397 ELECTIVE IN REHABILITATION MEDICINE FOR MEDICAL RESIDENTS

Instructors: Rehabilitation Medicine Department Faculty

For: Medical Residents, University of Alabama in Birmingham

Description and Objectives:

This elective is designed for specialists in intern medicine who anticipate a general practice as primary physician to the patient. The emphasis is on the care and rehabilitation of the patient's chronic disease and affecting the neural musculoskeletal system. Substantial emphasis is placed on the total rehabilitation team and utilization of service of the team members including therapists, psychologists, social workers, and vocational rehabilitation counselors.

Maximum Enrollment: 2 per month; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 22 days; September 1972 to August 1973

For Registration or Additional Information write to:
John M. Miller III, M.D.
Project Dir., RT-19, Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

398 PEDIATRIC MEDICAL ORTHOPEDIC FOR PEDIATRIC HOUSE AND ATTENDING STAFF

Instructor: Samuel L. Stover, M.D.

For: Pediatric House and Attending Staff, Univ. of Ala. in Birmingham

Description and Objectives:

To provide lectures and demonstrations in the evaluation, diagnosis, and treatment of common pediatric orthopedic problems. The fundamentals of muscle testing and range of motion measurements in the clinical evaluation of many of these problems was emphasized. This is a cooperative effort with the Pediatric Orthopedic Department.

Maximum Enrollment: 15; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 1 hour per day for 14 days; Spring 1973

For Registration or Additional Information write to:
Samuel L. Stover, M.D.
Assoc. Professor, Rehabilitation Medicine
University Station
Birmingham, Alabama 35294

399 SUPERVISION OF STUDENTS ON PEDIATRIC ROTATION

Instructor: Samuel L. Stover, M.D., Physiatrist

For: Medical Students

Description and Objectives:

To increase the input into the medical students training of the necessity of considering physical and social rehabilitation for all patients and to point out the necessity for considering the whole patient rather than just his acute intercurrent illnesses.

Maximum Enrollment: 125; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 4 hours per day for 5 days; September 1972 to August 1973

For Registration or Additional Information write to:
Samuel L. Stover, M.D.

Assoc. Professor, Rehabilitation Medicine
Univ. of Alabama in Birmingham
University Station
Birmingham, Alabama 35294

400 PULMONARY MEDICINE RESIDENT ROTATION

Instructor: Ben V. Branscomb, M.D., Physiatrist

For: Medical Residents, Univ. of Ala. in Birmingham

Description and Objectives:

To provide the pulmonary aspects of the medical residency training program and the total rehabilitation setting. Medical residents are regularly assigned to this program as a total part of the Department's Training Program.

Maximum Enrollment: 25; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 20 days; September 1972 to August 1973

For Registration or Additional Information write to:

Ben V. Branscomb, M.D.
Associate Professor, Rehabilitation Medicine
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

401 PEDIATRIC REHABILITATION ELECTIVE

Instructor: Samuel L. Stover, M.D., Physiatrist

For: Second-Year Pediatric Residents

Description and Objectives:

To provide second-year pediatric residents an elective in Pediatric Rehabilitation. To acquaint them with chronic disease problems, many orthopedic problems and the comprehensive care and team approach to the handicapped child. The resident is responsible under close supervision for the patients care within the pediatric rehabilitation unit and follow the patient in the various therapy programs. Numerous clinics including cerebral palsy, muscular dystrophy, hemophilia, juvenile rheumatoid arthritis, immunology, spinal cord injury, are an integral part of the program.

Maximum Enrollment: 3; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 90 days; September 1972 to August 1973

For Registration or Additional Information write to:

Samuel L. Stover, M.D.
Assoc. Prof., Rehab. Medicine
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

402 MEDICAL STUDENTS TEACHING

Instructors: Entire Rehabilitation Medicine Faculty

For: All Medical Students, Univ. of Ala. in Birmingham

Description and Objectives:

Direct input to medical student curriculum by the Department of Rehabilitation Medicine Staff is through the teaching activities included in the following topics: (A.) Rehabilitation Medicine and Public Health; (B.) Spinal Cord Injury; (C.) Normal Locomotion and Gait Analysis; (D.) Neurological Signs in Hemiplegia and Spinal Cord Injury; (E.) Growth and Development Student Teaching.

Each of these topics include one to two hour lectures and one to two hour laboratory sessions in small groups. The objectives include provision of the specific content material but also include the direction of Rehabilitation Medicine to the freshman students and an adequate orientation to these students to a team approach to patient care and the importance of this care in the treatment of the chronically disabled patients.

Maximum Enrollment: 125; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 4 hours per day for 20 days; September 1972 to August 1973

For Registration or Additional Information write to:

John M. Miller III, M.D., Project Director
RT-19, Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

403 MEDICAL REHABILITATION—A REVIEW

Instructors: John M. Miller III, M.D. and Rehabilitation Medicine Staff

For: Medical Consultants of Vocational Rehabilitation

Description and Objectives:

To provide an intensive review of current advances in rehabilitation medicine particularly in the area of Spinal Cord Injury, Prosthetics and Orthotics, Biocommunication, Pulmonary Rehabilitation, and Rheumatology. Primary target group will be the medical consultants of the Alabama Vocational Rehabilitation Agency and an additional objective will be to better orient these physicians to programs under the auspices of the R&T Center and to better integrate these into the total rehabilitation effort in the state.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; Fall 1972

For Registration or Additional Information write to:

Dr. Donald Patrick, Social Project Director
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

404 PHYSICIANS ASSISTANTS TEACHING

Instructor: Samuel L. Stover, M.D., Physiatrist

For: Physicians Assistants Trainees, Univ. of Ala. in Birmingham

Description and Objectives:

To integrate the techniques of Rehabilitation Medicine to a team approach to patient care and to the physicians assistants teaching program. The individuals will be working with general practitioners and dealing with many chronic disease patients. The course is now a regular part of the physicians assistants program and includes lecture and participation in the Rehabilitation Center by the participants.

Maximum Enrollment: 30; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 4 hours per day for 5 days; November to December 1972

For Registration or Additional Information write to:

Mrs. Kathleen Andreoli, Director
Physicians Assistants Program
School of Community and Allied Health Resources
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

405 PHYSICAL THERAPY AND OCCUPATIONAL THERAPY TEACHING

Instructor: Samuel L. Stover, M.D., Physiatrist

For: Senior Physical and Occupational Therapy Students

Description and Objectives:

To provide medical instruction by lecture and discussion on child growth and development as well as diagnostic therapeutic implications in dealing with children with neuromuscular problems. Other broad areas covered in these sessions had to do with Pediatric Rehabilitation, Muscular Dystrophy and Spinal Cord Injury.

Maximum Enrollment: 40; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 5 days; September 1972 to May 1973

For Registration or Additional Information write to:

Dr. Donald Patrick, Assoc. Project Director RT-19
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

406 REHABILITATION NURSING FOR PUBLIC HEALTH AND VISITING NURSES

Instructors: Mrs. Janet Engstrand, Dir. of Rehabilitation Nursing, Spain Rehabilitation Center; Mary F. Jones, R.N., Spain Rehabilitation

For: Public Health Nurses, Visiting Nursing Association Nurses

Description and Objectives:
To provide intensive orientation to rehabilitation nursing and to the team approach to comprehensive patient care. A particular emphasis is in enabling Public Health and VNA Personnel to provide more comprehensive follow-up of patients after they are discharged from the Rehabilitation Center.

Maximum Enrollment: 10 at a time; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 3 days; Fall to Spring

For Registration or Additional Information write to:
Mrs. Janet Engstrand, Dir. of Rehabilitation Nursing
Spain Rehabilitation Center
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

407 REHABILITATION NURSING IN-SERVICE

Instructors: Mrs. Janet Engstrand and Rehabilitation Nursing Staff

For: Nursing Staff, Spain Rehabilitation Center

Description and Objectives:
To provide intensive and continuous in-service training for all personnel of the nursing service at Spain Rehabilitation Center regarding procedures and techniques related to rehabilitation nursing. This program is to be intensified with increased emphasis on career ladder involvement.

Maximum Enrollment: varied; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per day for 24 days; September 1972 to August 1973

For Registration or Additional Information write to:
Mrs. Janet Engstrand, Dir. of Rehabilitation Nursing
Spain Rehabilitation Center
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

408 REHABILITATION NURSING (CLINICAL)

Instructors: Entire Rehabilitation Nursing Staff

For: Nursing Students from all training programs in the area

Description and Objectives:
To provide lectures, demonstrations, discussion, conference and supervised clinical rehabilitation nursing experience in the comprehensive rehabilitation involvement in this setting requested by the various local nurses training programs. These programs include graduate, undergraduate, diploma, associate

degree, and licensed practical nurses training programs. In each instance involvement in this city is the only exposure to rehabilitation nursing and the total training program.

Maximum Enrollment: varies; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day—number of days varies; September 1972 to August 1973

For Registration or Additional Information write to:

Mrs. Janet Engstrand, Director, Rehabilitation Nursing
Spain Rehabilitation Center
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

409 SPLINTING WORKSHOP

Instructor: Cornelia Dasher, O.T.R., M.A., B.S., B.A.

For: Occupational Therapy Staff

Description and Objectives:
To provide intensive review of all splinting techniques for Occupational Therapists.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 5 days; September 1972

For Registration or Additional Information write to:

Miss Connie Dasher, OTR
Assistant Director Occupational Therapy
Spain Rehabilitation Center
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

410 OCCUPATIONAL THERAPY CLINICAL AFFILIATION

Instructors: Miss Connie Dasher, M.A., O.T.R., and other staff therapists

For: Occupational Therapy Interns

Description and Objectives:
To provide the rehabilitation center setting experience preparatory to B.S. in Occupational Therapy and registration examination for occupational therapy.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 220 days; September 1972 to August 1973

For Registration or Additional Information write to:

Miss Connie Dasher, M.A., O.T.R.
Assistant Director Occupational Therapy
Spain Rehabilitation Center
University Station
Birmingham, Alabama 35294

411 PREVOCATIONAL EVALUATION

Instructors: Miss Connie Dasher, O.T.R., M.A.; Gretchen Schmaltz, O.T.R., M.A.

For: Senior Occupational Therapy Students

Description and Objectives:
To introduce methods in determining work capacity and skills of performance and to investigate standardized methods of testing and measuring patient activities.

Maximum Enrollment: 18; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 3 days; April 1973

For Registration or Additional Information write to:
Miss Connie Dasher, Assistant Director
Occupational Therapy
University Station
Birmingham, Alabama 35294

412 PRACTICUM, PHYSICAL DYSFUNCTION

Instructors: Miss Connie Dasher, O.T.R., and other staff therapists

For: Senior Occupational Therapy Students, Univ. of Ala. in Birmingham

Description and Objectives:
To provide problem-solving material based upon patient need, to provide experience in goal setting based upon symptomology and patient needs, and to illustrate medical terminology and principles of treatment in Occupational Therapy.

Maximum Enrollment: 18; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 3-6 hours per day for 40 days; February to April 1973

For Registration or Additional Information write to:
Miss Connie Dasher, Assistant Director
Occupational Therapy
Spain Rehabilitation Center
University Station
Birmingham, Alabama 35294

413 NEURO-DEVELOPMENTAL TECHNIQUES IN TREATING CEREBRAL DYSFUNCTION

Instructors: Miss Connie Dasher, O.T.R., B.S., B.A., M.A.; Gretchen Schmaltz, O.T.R., B.S., M.S.

For: Senior Students in Occupational Therapy, Univ. of Ala. in Birmingham

Description and Objectives:
To acquaint students with principles of reflex neurological sequence, to introduce methods in effecting the concept, and to illustrate the principle in a carryover to the traditional role of occupational therapy.

Maximum Enrollment: 18; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 2 days; February to March 1973

For Registration or Additional Information write to:
Miss Connie Dasher, Assistant Director
Occupational Therapy
Spain Rehabilitation Center
University Station
Birmingham, Alabama 35294

414 IN-SERVICE FOR PHYSICAL THERAPISTS AND PHYSICAL THERAPY ASSISTANTS

Instructor: Judy Cantey, Physicians within Medical Center

For: Physical Therapists and Physical Therapy Assistants

Description and Objectives:
Continuing education through reports from conference subjects of interest to field of physical therapy for information and improved techniques of treatment. Presently working on peer review mechanisms and competency levels.

Maximum Enrollment: 40; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 1 hour per day for half a week; September to August

For Registration or Additional Information write to:
Miss Pat Kelley, Assistant Director
Physical Therapy Clinical Services
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

415 CLINICAL AFFILIATION FOR UNIVERSITY OF ALABAMA PHYSICAL THERAPY STUDENTS

Instructor: Jane Day, R.P.T.

For: Univ. of Ala. in Birmingham Physical Therapy Students

Description and Objectives:
To provide clinical experience for the physical therapy students in a rehabilitation setting. This learning experience meets requirements for the students in earning an undergraduate degree at the University of Alabama in Birmingham School of

Physical Therapy. Affiliation at Spain Rehabilitation Center provides opportunity for supervised application of theories, procedures and techniques learned in the didactic phase of the curriculum as well as an opportunity to comprehend the team approach within the Center to the total patient.

Maximum Enrollment: 25; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 135 days; September 1972 to August 1973

For Registration or Additional Information write to:
Miss Marilyn Gossman
Chairman, Dept. of Physical Therapy
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

416 CLINICAL AFFILIATION FOR PHYSICAL THERAPIST ASSISTANT STUDENTS

Instructor: Jane Day, R.P.T.

For: Physical Therapist Assistant Students

Description and Objectives:

Clinical experience will be provided for the physical therapist assistant students in the Rehabilitation Center setting. Two to four students will be accepted at a given time with time involved varying from two hours per week during the fall quarter up to twenty-seven hours per week during the spring and summer quarter 1973.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; September 1972 to August 1973

For Registration or Additional Information write to:
Miss Betty Canan, R.P.T.
Director, Physical Therapy Assistant Program
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

417 PHYSICAL THERAPY ATTENDANT IN-SERVICE TRAINING

Instructor: Shirley Shaddeau, R.P.T., B.S., M.M.S.

For: Physical Therapy Attendants

Description and Objectives:

Course includes anatomy, Discussion of Diagnoses, Medical Terminology, communication skills, medical ethics, interpersonal relationships, and organization operations, job responsibilities and safety measures.

Objectives. Upgrade job classification and produce smoother departmental operations. Extrinsic: Understanding and working knowledge to improve patient care.

Maximum Enrollment: 20; Outside Applicants Accepted (if interested); Academic Credit Not Available

Schedule: Short-term; 1 hour weekly; September 1972 to August 1973

For Registration or Additional Information write to:
Miss Shirley Shaddeau, Assistant Professor P.T.
Spain Rehabilitation Center
University Station
Birmingham, Alabama 35294

418 DIETETIC INTERNSHIP

Instructor: Mrs. Martha Ray, A.D.A.

For: Dietetic Interns, Univ. of Ala. in Birmingham

Description and Objectives:
To provide familiarization with rehabilitation patients, their diets, and the total rehabilitation team; to provide familiarization with decentralized food service; to increase knowledge and experience in purchasing, production, and food service in a small hospital.

Maximum Enrollment: 12; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 15 days; September 1972 to August 1973

For Registration or Additional Information write to:
Director of Dietetic Internship
Univ. of Ala. Hospitals and Clinics
University Station
Birmingham, Alabama 35294

419 POSTDOCTORAL DENTAL SEMINAR

Instructor: Dr. S. G. Fletcher

For: Graduate Dental Students, Univ. of Ala. in Birmingham

Description and Objectives:
To provide an introduction to the special bodily attributes, processes and developmental patterns that enable men to communicate in spoken languages. It includes an introduction to phonetics as a tool for observation of oral function and to communication disorders as a derivative of malformation and/or malfunction of the dento-facial complex.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 12 days; March to June 1973

For Registration or Additional Information write to:
Dr. S. G. Fletcher
Professor and Chairman, Dept. of Biocommunication
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

420 TONGUE THRUST THERAPY

Instructor: Samuel G. Fletcher, M.D.

For: Practicing Dentists and Postdoctoral Dental Students

Description and Objectives:

To provide a programmed instructional course designed for tongue thrust in swallowing. The objective is to train professionals so that they might train their technicians in the technique and implement the program into dental practice.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 2 hours per day for 6 days; April 1973 to May 1973

For Registration or Additional Information write to:

Dr. S. G. Fletcher, M.D.
Professor and Chairman, Dept. of Biocommunications
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

421 INHALATION THERAPY TECHNICIAN TRAINING

Instructor: Ben V. Branscomb, M.D., Physiatrist

For: Regional Technical Institute Students in Inhalation Therapy

Description and Objectives:

This is a twofold training program in inhalation therapy.

1. One part of the program is designed for upgrading those persons who are inhalation therapy personnel presently employed in this kind of setting. The course is designed to prepare the person for certification as an inhalation therapy technician. This portion of the program allows the trainee to continue to work and utilize instructional materials as well as some time spent in the University setting for the purpose of covering deficiencies in the persons training.
2. The second aspect is a one-year program for inhalation therapy technician trainees for students of the Regional Technical Institute. Fifteen students are in the program annually on a full-time basis. Again the objective is preparation of the technicians to qualify to administer inhalation therapy in the medical setting.

Maximum Enrollment: 30; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Long-term; 8 hours per day for 180 days; September 1972 to August 1973

For Registration or Additional Information write to:

Regional Technical Institute
School of Community and Allied Health Resources
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

422 SPECIAL EDUCATION INTERNSHIP

Instructor: Betty Stallworth, M.A.

For: Graduate Interns in Special Education

Description and Objectives:

To provide supervised teacher training experience in the area of hospital teaching of physically handicapped children. The experience includes elementary and secondary teaching with rehabilitation centerpatients and pediatric patients throughout University Hospital.

Maximum Enrollment: 2 per semester; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 90 days; September 1972 to May 1973

For Registration or Additional Information write to:

Miss Betty Stallworth
Spain Rehabilitation Center
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

423 INTERNSHIP IN CLINICAL PSYCHOLOGY (NEUROPSYCHOLOGY & REHABILITATION)

Instructor: Dr. C. J. Rosecrans

For: Predoctoral Students in Clinical Psychology

Description and Objectives:

A general rotating internship in clinical psychology involving a consortium of training facilities and institutions; e.g., University Hospital Psychiatric in- and outpatient activity, Center for Developmental and Learning Disorders (mental retardation and organic brain damage in children), and Spain Rehabilitation Center (organic brain damage and other neuromuscular skeletal disabilities). All interns receive exposure to the unique psychological, rehabilitation and neuropsychological problems in the participating facilities of the internship training program. Training a well-rounded generalist clinical psychologist is the objective of this program.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for full year; September 1972 to August 1973 and June 1973 to June 1974

For Registration or Additional Information write to:

Dr. C. J. Rosecrans, Professor, Clinical Psychology
Dept. of Psychiatry
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

424 VOLUNTEERS TRAINING

Instructor: Mrs. Janice Malone, B.S.

For: Volunteer Workers, Spain Rehabilitation Center

Description and Objectives:

To orient the volunteers to the physical and mental problems of patients in our rehabilitation center and the ways in which volunteers can be of most helpful service to these patients. A prerequisite for participation as a volunteer is the completion of the one-week home nursing program.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 5 hours per day for 1 day; as needed

For Registration or Additional Information write to:

Mrs. Janice Malone, Coordinator of Patient Activities
Spain Rehabilitation Center
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

425 PRECOURSE CLERKSHIP—INTRODUCTION TO HOSPITAL ADMINISTRATION

Instructor: Mr. Walter H. Carpenter, M.S.

For: Graduate Students in Hospital Administration

Description and Objectives:

The course provides a general description of the field of hospital and health administration. It includes the history and development of rehabilitation medicine, hospitals and the basic orientation and organization of the Spain Rehabilitation Center and the operational processes and daily activities. It provides an additional opportunity for evaluation by the faculty as to the capability, motivation and ability of the student for graduate education. At the same time, the student is provided with an educational experience which will help him in the self-determination, in the desire and ability, to continue education for health services administration.

Maximum Enrollment: 2; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 60 days; June 1, 1973 to September 1, 1973

For Registration or Additional Information write to:

Dr. Howard Houser, Chairman
Graduate Program in Hospital Health Administration
School of Community and Allied Health Resources
Univ. of Ala. in Birmingham
Birmingham, Alabama 35294

426 PSYCHOLOGY OF DISABILITY

Instructor: Harriett Schaffer, M.A.

For: Physical Therapy Seniors, UAB

Description and Objectives:

To acquaint physical therapy students with some of the concepts and therapeutic and diagnostic techniques used with the psychologist to assist in understanding the emotional trauma which accompanies a devastating disability.

Maximum Enrollment: 25; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 10 days; April 1973 to May 1973

For Registration or Additional Information write to:

Miss Marilyn Gossman, Chairman
Department of Physical Therapy
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

427 REHABILITATION SOCIAL WORK—CLINICAL EXPERIENCE

Instructor: Mary F. Price, M.S.W.

For: Graduate Students in Social Work

Description and Objectives:

To provide the opportunity for supervised experience in clinical social work in a comprehensive medical rehabilitation center and to provide an opportunity to participate as a member of the team in its approach to the total care of the patient.

Maximum Enrollment: 5; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day, number of days varies; September 1972 to August 1973

For Registration or Additional Information write to:

Mrs. Mary F. Price, M.S.W.
Spain Rehabilitation Center, UAB
University Station
Birmingham, Alabama 35294

428 UNDERGRADUATE CLINICAL EXPERIENCE IN HUMAN SERVICES

Instructors: Mary Price, M.S.W.; Harriett Schaffer, M.A.; Wayne Hay, M.A.

For: Undergraduate Students in Rehabilitation and Social Service Related Programs

Description and Objectives:

To provide an opportunity for observation and limited participation in the helping services in the medical rehabilitation setting. Participants have included rehabilitation services students, social work students, and home economics students from three local universities. Staff participants include social service, psychology and vocational rehabilitation. Students participate with the team and acquire beginning skills in working with the physically handicapped and their families.

Maximum Enrollment: 6; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day, number of days varies; September 1972 to August 1973

For Registration or Additional Information write to:

Dr. Donald Patrick, Associate Project Director
Rehabilitation R&T Center
Univ. of Ala. in Birmingham
Birmingham, Alabama 35294

429 VOCATIONAL REHABILITATION COUNSELING PRACTICUM

Instructor: Donald Patrick, Ph.D.

For: Graduate Students in Rehabilitation Counseling

Description and Objectives:

To provide a counseling practicum (utilizing tape recorded counseling sessions) for employees of Alabama VR Agency pursuing M.A. degrees in Rehabilitation Counseling at the University of Alabama in Tuscaloosa. The counseling relationship is the focal point of this effort. Employed counselors are able to complete degree requirements without taking an additional full semester from their case load assignment.

Maximum Enrollment: 5; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 2 hours per day for 50 days; each semester

For Registration or Additional Information write to:

Donald Patrick, Ph.D., Associate Project Director
Rehabilitation R&T Center, UAB
University Station
Birmingham, Alabama 35294

430 VOCATIONAL REHABILITATION COUNSELING INTERNSHIP

Instructors: Wayne Hay, M.A.; Donald Patrick, Ph.D.

For: Graduate Students in Rehabilitation Counseling

Description and Objectives:

To provide a vocational rehabilitation counseling internship experience in medical rehabilitation setting. While the major experience under supervision consists of working with patients in this medical setting, the internship also includes substantial orientation to the State Vocational Rehabilitation Agency with day-to-day supervision from a counselor with that agency.

Maximum Enrollment: 3; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day, number of days varies; each term

For Registration or Additional Information write to:
Dr. Donald Patrick, Assoc. Proj. Dir.
Rehabilitation R&T Center, UAB
University Station
Birmingham, Alabama 35294

431 VOCATIONAL REHABILITATION COUNSELOR SEMINAR ON SPINAL CORD INJURY

Instructors: John M. Miller III, M.D.; Staff

For: Vocational Rehabilitation Counselors

Description and Objectives:

To provide a medical and vocational introduction to spinal cord injury, its significance and problems related thereto. Content also deals with the resources available and means of utilization of these resources of the benefit to the patients/clients with spinal cord injury.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; September 1972

For Registration or Additional Information write to:
Dr. Donald Patrick, Associate Project Director
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

432 VOCATIONAL REHABILITATION COUNSELOR SEMINAR ON MENTAL ILLNESS

Instructors: Dr. Donald Patrick; other University of Alabama Staff

For: Vocational Rehabilitation Counselors

Description and Objectives:

To provide new employed counselors with an introduction to mental and emotional disorders, and community resources available in working toward the vocational rehabilitation of persons with this problem.

Maximum Enrollment: 50; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; October 1972

For Registration or Additional Information write to:
Dr. Donald Patrick, Assoc. Proj. Dir.
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

433 VOCATIONAL REHABILITATION COUNSELOR SEMINAR ON PULMONARY REHABILITATION

Instructor: Ben V. Branscomb, M.D.

For: Vocational Rehabilitation Counselors

Description and Objectives:
To provide a comprehensive introduction to chronic pulmonary diseases and the medical vocational problems.

Maximum Enrollment: 65; Outside Applicants Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 1 day; March 1973

For Registration or Additional Information write to:

Dr. Donald Patrick, Assoc. Proj. Dir.
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

434 VOCATIONAL REHABILITATION COUNSELORS SEMINAR ON CARDIOVASCULAR PROBLEMS

Instructor: Dr. Donald Patrick, Coordinator

For: Vocational Rehabilitation Counselors

Description and Objectives:
To provide an introduction to the medical and rehabilitation problems of a cardiovascular rehabilitation program.

Maximum Enrollment: 65; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; February 1973

For Registration or Additional Information write to:

Dr. Donald Patrick, Associate Project Director
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

435 VOCATIONAL REHABILITATION COUNSELORS SEMINAR ON PROSTHETICS AND ORTHOTICS

Instructors: Chestley Yelton, M.D.; Jerry Casson, C.P.; George H. Traugh, M.D.; Steve Mullins, C.O.

For: Vocational Rehabilitation Counselors

Description and Objectives:
To provide an introduction to prosthetics and orthotics and recent innovations in these areas including surgery, fitting devices, and their functions.

Maximum Enrollment: 65; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; November 1972

For Registration or Additional Information write to:

Dr. Donald Patrick, Assoc. Proj. Dir.
University of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

436 VOCATIONAL REHABILITATION SEMINAR ON DRUG ABUSE

Instructors: Joseph Sapira, M.D., Psychiatry; Dr. Donald Patrick, Rehabilitation Counseling; Earl Morgan, District Attorney

For: Vocational Rehabilitation Counselors

Description and Objectives:

To deal with medical, psychological, legal and vocational aspects of the problems of drug abuse. The program is designed as an orientation experience for counselors working with general case loads.

Maximum Enrollment: 65; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; January 1973

For Registration or Additional Information write to:

Dr. Donald Patrick, Assoc. Proj. Dir.
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

437 VOCATIONAL REHABILITATION COUNSELOR SEMINAR ON GASTRO-INTESTINAL DISORDERS

Instructor: Dr. Basil Hirschowitz

For: Vocational Rehabilitation Counselors

Description and Objectives:

To provide an overview to the medical and vocational problems relating to gastro-intestinal disorders and the problems of total rehabilitation in dealing with these clients.

Maximum Enrollment: 65; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 days; April 1973

For Registration or Additional Information write to:

Dr. Donald Patrick, Associate Proj. Dir.
Univ. of Ala. in Birmingham
University Station
Birmingham, Alabama 35294

438 EXPERIENTIAL PROGRAM IN HEALTH CAREERS FOR UNDERGRADUATE STUDENTS

Instructors: Donald Patrick, Ph.D.; entire Spain Center Staff

For: Undergraduate Students, Birmingham Southern College

Description and Objectives:

To provide a work-oriented experience in health-related careers for undergraduate students at Birmingham Southern College. The five-week experience is an integral part of the recently revised curriculum at the college. Each student completes a project or paper appropriate to his or her area of primary assignment. The college grants six quarter hours credit for the experience.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 8 hours per day for 23 days; January 4, 1973 to February 4, 1973

For Registration or Additional Information write to:

Donald Patrick, Ph.D., Assoc. Proj. Dir.
Rehabilitation R&T Center, UAB
University Station
Birmingham, Alabama 35294

439 SUMMER EMPLOYMENT PROGRAM FOR ECONOMICALLY DISADVANTAGED AND DISABLED YOUTH

Instructors: Donald Patrick, Ph.D.; Other Center Staff

For: Disabled and Disadvantaged Youth

Description and Objectives:

To provide a work experience for disadvantaged and disabled youth to (1) enable them to earn money during the summer months, (2) to provide a demonstration of health careers for recruitment purposes, and (3) to provide meaningful work for the experience. Substantial orientation to health careers and individual counseling are included.

Maximum Enrollment: 20; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 50 days; June 4, 1973 to August 1973

For Registration or Additional Information write to:

Donald Patrick, Ph.D., Assoc. Proj. Dir.
Rehabilitation R&T Center, UAB
University Station
Birmingham, Alabama 35294

440 REHABILITATION OF THE STROKE PATIENT FOR ALLIED HEALTH PERSONNEL

Instructors: John M. Miller III, M.D., Physiatrist; other Staff of Spain Center; Staff of local rehabilitation services throughout the state

For: Allied Health Personnel of Small Community Hospitals and Rehabilitation Centers

Description and Objectives:

To provide training and latest rehabilitation techniques and management of patients with cerebral vascular accidents. Sessions will be conducted in each of the seven major rehabilitation facilities in the state thus affording more cooperative effort in integration of acute and long-term care at the local level. This is a cooperative effort with the Alabama Regional Medical Program.

Maximum Enrollment: 100; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; dates to be arranged

For Registration or Additional Information write to:

John M. Miller III, M.D.
Project Director, RT-19, UAB
University Station
Birmingham, Alabama 35294

RT-20

Northwestern University

441 PEDIATRIC REHABILITATION

Instructor: Harriet Gillette, M.D.

For: Northwestern University Senior Medical Students

Description and Objectives:
Prerequisite, completion of clinical clerkship in pediatrics. Full-time experience participating in clinical care of children with physical disabilities, includes related lectures, and exposure to services provided by allied health professionals (Speech Pathology, Physical Therapy, Therapeutic Recreation, etc.).

Maximum Enrollment: 50; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 7½ hours per day for 5 days; Fall, Winter, Spring, Summer Quarter

For Registration or Additional Information write to:
Don A. Olson, Ph.D.
Dir. of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

442 REHABILITATION RESEARCH

Instructor: Byron B. Hamilton

For: Northwestern University Senior Medical Students

Description and Objectives:
Basic or clinical experience in Rehabilitation Research. The unanswered questions and problems in Rehabilitation Medicine, a rapidly developing major discipline of medicine involving all of the medical specialties, are real and difficult. Investigations deal with human dysfunction at all levels of biologic organization: molecular, cellular, organic and psychosocial.

Experience will include problem definition, experimental design, use of laboratory and/or clinical resources necessary to answer your questions, and communication of your observations.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 4 hours per day for 5 days; Fall, Winter, Spring, and Summer Quarter

For Registration or Additional Information write to:
Don A. Olson, Ph.D.
Director of Training, RT-20

Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

443 REHABILITATION ASPECTS OF NEUROLOGICAL DISEASE

Instructor: Vinod Sahgal, M.D.

For: Northwestern University Senior Medical Students

Description and Objectives:

Lecture survey and clinical exposure to the problems of the patient with neurological disease, with emphasis on the patient who has suffered a cerebral vascular incident. The neurological evaluation, patient management, and rehabilitation potential of patients are explored. Prerequisite, clinical, clerkship in neurology.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: 3 hours weekly; Winter, Spring Quarter

For Registration or Additional Information write to:

Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

444 REHABILITATION ASPECTS OF THE AMPUTEE

Instructor: Edward McCarron, M.D.

For: Northwestern University Senior Medical Students

Description and Objectives:

Lecture survey and clinical exposure to the problems of amputees and their management. This includes patient evaluation, trial prescription of prostheses, opportunity to observe prosthetic construction, and examine prosthetic components, observation of possible conditioning and training in use of both upper and lower extremity prostheses.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: 3 hours weekly; Fall, Winter Quarter

For Registration or Additional Information write to:

Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

445 SENIOR LECTURE SERIES

Instructors: Faculty Department of Rehabilitation Medicine (Don A. Olson, Ph.D.)

For: Northwestern University Senior Medical Students

Description and Objectives:
Survey of the field of rehabilitation medicine, including lectures as follows: Tour of Institute Orientation to Rehabilitation Institute of Chicago; Orientation to Rehabilitation Medicine; Pediatric Rehabilitation; Psychology of Disability; Cerebrovascular Problems; Introduction to Electrodiagnosis; Team Approach to Comprehensive Medical Care; Prosthetics and Orthotics; Comprehensive Approach to Rheumatoid Arthritis; Therapeutic Exercise—Amputees; The Spinal Cord Patient.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: 1 hour weekly; Fall Quarter

For Registration or Additional Information write to:
Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

446 PSYCHIATRIC IMPLICATION OF REHABILITATION

Instructor: Meyer Gunther, M.D.

For: Northwestern University Senior Medical Students

Description and Objectives:
Problems of the patient-doctor relationship with the patient with chronic medical disabilities are explored in lecture and clinical settings.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: 1½ hours weekly; Winter Quarter

For Registration or Additional Information write to:
Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

447 REHABILITATION ASPECTS OF SPINAL CORD INJURY

Instructor: Joel Rosen, M.D.

For: Northwestern University Senior Medical Students

Description and Objectives:
Lecture survey and clinical exposure to the problems and

management of the spinal cord patient. Patient evaluation, medical complications, and rehabilitation potential of this patient population are explored with acute and chronic spinal cord injury patients.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: 3 hours weekly; Winter, Spring Quarter

For Registration or Additional Information write to:
Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

448 ELECTIVE CLERKSHIP IN REHABILITATION MEDICINE

Instructor: Don A. Olson, Ph.D.

For: Northwestern University Senior Medical Students

Description and Objectives:

Full-time experience participating in clinical care of rehabilitation patients, participation in research, related lectures and allied health professions activities.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: 7½ hours per day for 5 days; Fall, Winter, Spring Quarter

For Registration or Additional Information write to:
Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

449 REHABILITATION ASPECTS OF RHEUMATOLOGY

Instructor: Frank Schmidt, M.D.

For: Northwestern University Senior Medical Students

Description and Objectives:

Practical aspects of delivering comprehensive care and rehabilitation services to the patient with arthritis.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: Short-term; 5 hours per day for 4 days; Fall, Winter, Spring and Summer Quarter

For Registration or Additional Information write to:
Don A. Olson, Ph.D.
Director of Training, RT-20

Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

450 INTRODUCTION TO ALLIED HEALTH PROFESSIONS

Instructor: Don A. Olson, Ph.D.

For: Northwestern University Senior Medical Students

Description and Objectives:
Survey of the allied health professions including speech pathology, physical therapy, occupational therapy, therapeutic recreation, social service, psychology, nursing and vocational counseling, in a lecture practicum setting dealing with physically handicapped children and adults. The role of the physician and leadership abilities necessary for effective relations with allied health professionals is explored.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: 3 hours weekly; Fall, Winter, Spring Quarter

For Registration or Additional Information write to:
Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

451 ADMINISTRATIVE ASPECTS OF REHABILITATION MEDICINE

Instructor: Henry B. Betts, M.D.

For: Northwestern University Senior Medical Students

Description and Objectives:
Course includes analysis of administrative and creative traits necessary for medical leadership including discussion of interdepartmental and interdisciplinary problem-solving techniques. Designed for the medical student who desires an administrative leadership role.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: 3 hours weekly; Winter, Spring Quarter

For Registration or Additional Information write to:
Henry B. Betts, M.D.
Chairman, Dept. of Rehabilitation Medicine
Northwestern University Medical School
401 East Ohio Street
Chicago, Illinois 60611

452 INTRODUCTION TO ELECTRODIAGNOSTIC PROCEDURES

Instructors: Joel Rosen, M.D.; Joseph Stratigos, M.D.

For: Northwestern University Senior Medical Students

Description and Objectives:

The physiologic functions that can be measured by electrodiagnosis are explored, experience and observation of clinical techniques on normal subjects and acute and chronic patients with a wide variety of neuromuscular disorders are included.

Maximum Enrollment: 10; Outside Applicants Not Accepted; Academic Credit Available

Schedule: 2 hours per day for 2 days weekly; Fall and Winter Quarters

For Registration or Additional Information write to:

Dr. Henry B. Betts
Chairman, Dept. of Rehabilitation Medicine
Northwestern University Medical School
401 East Ohio Street
Chicago, Illinois 60611

453 COMMUNICATION PROBLEMS OF BRAIN DAMAGED ADULTS

Instructors: Dr. Bruce R. Porch, University of New Mexico, and Staff Department of Speech Pathology, Rehabilitation Institute of Chicago

For: Speech Pathologists

Description and Objectives:

A short-term training program will concentrate on the philosophy, development and use of the PICA Tests for measuring aphasia in adults. A review of current testing procedures for adult aphasia and brain-damaged adults as well as presentation of current research in adult aphasia will be incorporated in the course.

Maximum Enrollment: 40; Outside Applicants Accepted; Academic Credit

Schedule: Short-term; 7 hours per day for 2 days; October 13 and 14, 1972

For Registration or Additional Information write to:

Don A. Olson, Ph.D.
Director of Training, RT-20
401 East Ohio Street
Chicago, Illinois 60611

454 MEDICINE FOR THE PHYSIATRIST

Instructors: Faculty, Department of Rehabilitation Medicine and Department of Medicine, Northwestern University Medical School

For: Physiatrists in Practice

Description and Objectives:
Course presents recent advances in diagnosis, therapy, and management of pulmonary disease, cardiac problems, metabolic and endocrine disease, arthritis and collagen diseases, renal failure, and acute and chronic allergy, and dermatology.

Maximum Enrollment: 125; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 2 days; May 10 and 11, 1973

For Registration or Additional Information write to:
Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

455 ACCESS CHICAGO: TOWARD A BARRIER-FREE ENVIRONMENT

Instructors: Panel of distinguished legislators, architects and community planners as well as consumers

For: Legislators, Architects, City Planners, Employers, Contractors, Social Service Agencies, Transportation Officials, and Owners of Major Public Buildings

Description and Objectives:
One-day conference designed to emphasize the transportation problems of the mobility limited. Sessions will deal with architectural barriers, legislation, employment, transportation, and recreation.

ACCESS CHICAGO seeks to develop a greater public awareness and understanding of the problem and to identify problem situations in the Chicago area. Following the conference, ACCESS CHICAGO will continue to work with interested parties in the community to eliminate barriers of all kinds for the handicapped and the elderly.

Maximum Enrollment: 300; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; December 4, 1972

For Registration or Additional Information write to:
Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

456 SOCIALIZATION IN THE DISABILITY PROCESS

Instructors: Gary L. Albrecht, Ph.D., RT-20; other RT-20 Faculty; Richard T. Smith, Ph.D., John Hopkins University

For: Ph.D.'s in Sociology, Psychology and other professions in the socialization and rehabilitation fields.

Description and Objectives:

The conference addresses itself to the fact of disability and its consequences. The topics to be covered include socialization of the disabled from a reinforcement-learning theory point of view, the effect of institutional expectations on the disabled, the redefinition of familial roles as a result of disability, socialization of the disabled into new occupational roles, opportunity structures for the disabled, maintenance of the disabled in the community, and coping and adaptation in the disability process.

Maximum Enrollment: 50-75; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8-10 hours per day for 2 days; February (to be scheduled)

For Registration or Additional Information write to:

Dr. Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

457 CAREERS IN REHABILITATION

Instructors: Don A. Olson, Ph.D.; Janet Taylor; Gladys Croom

For: High School Students

Description and Objectives:

A continuing program to introduce rehabilitation careers to high school students. In cooperation with area high schools, students are brought to the Institute for initial orientation and counseling. The counseling is followed by an eight-week work-study program in a department of the student's interest.

Maximum Enrollment: 70; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 7 hours per day for 5 days; June 25, 1973 to August 30, 1973

For Registration or Additional Information write to:

Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

458 ORTHOTICS FOR OCCUPATIONAL THERAPISTS

Instructors: Mrs. Ruth Ann Watkins, O.T.R.; the professional staff in Occupational Therapy; Northwestern University's Orthotics Department; Guest Lecturer

For: Registered Occupational Therapists from the Northwestern University Medical Complex

Description and Objectives:
To develop proficiency in the application and principles of orthotics utilizing a variety of materials.

Maximum Enrollment: 12-15; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 4 hours per day for 5 days; April 1973 to May 1973

For Registration or Additional Information write to:
Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

459 SYSTEMATIC APPROACH TO THE UTILIZATION OF OCCUPATIONAL THERAPY PROGRAM AND STAFF

Instructors: Miss Shirley Zurchauer, O.T.R.; Research and Training Center Staff

For: Hospital and Agency Administrators and Personnel Officers

Description and Objectives:
To familiarize administrators and personnel officers in how to plan, finance, and evaluate occupational therapy programs and staff.
Design: One-day workshops to be conducted at the Rehabilitation Institute of Chicago, Central Illinois, and Southern Illinois

Maximum Enrollment: 12-15 per session; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; June 1973 to August 1973

For Registration or Additional Information write to:
Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

460 CLINICAL TRAINING FOR OCCUPATIONAL THERAPY ASSISTANTS

Instructors: Miss Frances Rizzo, O.T.R.; Professional Staff in Occupational Therapy

For: Students enrolled in approved occupational therapy assistants curricula

Description and Objectives:
1. To provide students in occupational therapy assistants

curriculum with a clinical experience in the treatment of physical dysfunction to fulfill academic requirements;
2. To familiarize them with the physical, social, and psychological aspects of physical dysfunctional disorders;
3. To provide specific information regarding occupational therapy modalities and their relationship to treatment processes, and
4. To experience responsibilities in assisting with the planning of treatment programs and treatment of patients under the direction of a registered occupational therapist.

Maximum Enrollment: 2 per session; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 20 days; September 1972 to February 1973

For Registration or Additional Information write to:
Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

461 CLINICAL AFFILIATION IN OCCUPATIONAL THERAPY

Instructors: Miss Barbara Zeller, O.T.R.; Professional Staff in Occupational Therapy

For: Students enrolled in accredited Occupational Therapy Curricula

Description and Objectives:
1. To provide students in occupational therapy curriculum with a clinical experience in the treatment of physical dysfunction to fulfill academic requirements;
2. To familiarize them with the physical, social, psychological, and medical aspects of physical dysfunctional disorders;
3. To provide specific information regarding methods of evaluating the effects and functional limitations of dysfunctional conditions;
4. To provide a program which is planned to give the students the ability to apply theoretical knowledge appropriately in clinical situations; and
5. To increase independence in the planning of treatment programs and in patient treatment in the area of physical disabilities.

Maximum Enrollment: 4-6 per session; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 8 hours per day for 65 days; September 1972 to August 1973

For Registration or Additional Information write to:
Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

855

462 UTILIZATION OF SUPPORTIVE PERSONNEL

Instructors: Miss Shirley Zurchauer, O.T.R.; and designated personnel

For: Heads of Occupational Therapy Departments

Description and Objectives:

Objectives:

1. To increase knowledge and understanding of the relationship of professional and technical personnel in the delivery of treatment service, the hierarchy of skills, relative responsibility;
2. To increase knowledge and understanding of the principles of personnel utilization;
3. To increase knowledge and understanding of the principles of the supervisory process—OTR vs COTA—in both intramural and extramural settings.

Designs:

1. Seminar Approach: Conducted at the Rehabilitation Institute of Chicago, one-half day each week for eight consecutive weeks (offered twice).
2. Workshop Approach: Conducted in Central Illinois on two consecutive days.
3. Workshop Approach: Conducted in Southern Illinois on two consecutive days.

Maximum Enrollment: 20-25 per session; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; October 1972 to May 1973

For Registration or Additional Information write to:

Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

463 CONTINUING EDUCATION FOR CERTIFIED OCCUPATIONAL THERAPY ASSISTANT

Instructors: Miss Shirley Zurchauer, O.T.R.; Rehabilitation Institute of Chicago Staff

For: Certified Occupational Therapy Assistants

Description and Objectives:

To relate to the special needs of occupational therapy assistants and to provide an experiential avenue for the upgrading of technical skills and treatment modalities.

One-day workshops to be conducted at the Rehabilitation Institute of Chicago, Central Illinois and Southern Illinois.

Maximum Enrollment: 12-15 per session; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 8 hours per day for 1 day; December 1972 to May 1973

For Registration or Additional Information write to:

Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

464 PRECLINICAL AFFILIATION IN OCCUPATIONAL THERAPY

Instructors: Miss Barbara Zeller, O.T.R.; Professional Staff in Occupational Therapy

For: Phase III Students from the University of Illinois, Curriculum in Occupational Therapy

Description and Objectives:

The primary objective is to give the student an opportunity to observe occupational therapy in practice and to provide the student with a treatment experience. The case study model is utilized for the learning process.

Maximum Enrollment: 2 per session; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Long-term; 4 hours per day for 30 days; January 1973 to April 1973

For Registration or Additional Information write to:

Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

465 PHYSICAL THERAPY ASSISTANT

Instructors: Els Minnigh, R.P.T.; Staff Central YMCA Community College and Rehabilitation Institute of Chicago

For: Students interested in A.A. Degree and completion of requirements to be Physical Therapy Assistants

Description and Objectives:

A two-year junior college program in cooperation with RT-20 and the Rehabilitation Institute of Chicago leads to the completion of course work and clinical requirements to prepare the student to become a physical therapy assistant.

Maximum Enrollment: 15 yearly; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; full-time academic program—2 years

For Registration or Additional Information write to:

Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

466 RESIDENCY TRAINING IN REHABILITATION MEDICINE

Instructors: Faculty Northwestern University Medical School

For: Physicians

Description and Objectives:

Rehabilitation medicine residency Northwestern University approved 3-year program. Comprehensive training in care of children and adults, rotation through large rehabilitation institute, two general hospitals and VA hospital. Weekly basic science and clinical lectures, specialty conferences, clinics (in- and outpatient conferences, rounds, seminars and laboratory). Special courses include: electromyography, orthotics, and prosthetics. Active research program. First-year stipend $11,500, $500 annual increases, free benefit program includes immediate maternity coverage for spouse. May incorporate internship requirements into residency training program to complete the requirements for Board eligibility 3 years after medical school graduation. Possibility of partial credit subject to Board approval, for those with a year of internship.

Maximum Enrollment: 10; Outside Applicants Accepted; Academic Credit Available

Schedule: Long-term; Full-time; July 1 to June 30

For Registration or Additional Information write to:

Henry B. Betts, M.D.
Chairman, Dept. of Rehabilitation Medicine
Northwestern University
Rehabilitation Institute of Chicago
Box A, 401 East Ohio Street
Chicago, Illinois 60611

467 CLINICAL PRACTICUM IN PHYSICAL THERAPY

Instructors: Hildegarde Myers; Staff Rehabilitation Institute of Chicago

For: Physical Therapists completing their training and needing clinical experience

Description and Objectives:

A four-week intensive practicum with supervision for physical therapy students. The program provides practical experience in physical therapy management of the physically disabled.

Maximum Enrollment: 4; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Long-term; 7½ hours per day for 5 days; monthly, 12 months of year

For Registration or Additional Information write to:

Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

468 ORIENTATION TO REHABILITATION FOR INSURANCE CLAIM ADJUSTERS

Instructors: Henry B. Betts, M.D.; Faculty Department of Rehabilitation Medicine

For: Insurance Claim Adjusters

Description and Objectives:

The purpose of the course is to describe the benefits of rehabilitation to the patient, society, and the insurance industry. The course provides the insurance claim adjuster with examples of patient management and the role of the insurance claim adjuster on the rehabilitation team.

Maximum Enrollment: 20 per session; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 1 day; November 9, 1972, February 8, 1973 and April 4, 1973

For Registration or Additional Information write to:

Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

469 REHABILITATION NURSING

Instructors: Nancy Martin; Staff Rehabilitation Institute of Chicago

For: Nurses in General Hospitals

Description and Objectives:

A one-day orientation to rehabilitation nursing with special emphasis on the concept of the nurse as a therapist. The team approach to patient management is demonstrated and special technique of the rehabilitation nurse reviewed.

Maximum Enrollment: 25 per session; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; scheduled at convenience of interested regional hospital nursing staffs

For Registration or Additional Information write to:

Don A. Olson, Ph.D.
Director of Training, RT-20
Rehabilitation Institute of Chicago
401 East Ohio Street
Chicago, Illinois 60611

RT-21

Texas Tech University

470 SPECIAL PROBLEMS ASSOCIATED WITH COMMUNITY ADJUSTMENT OF THE MULTIPLY HANDICAPPED

Instructor: Not Yet Selected

For: State and Community professional personnel in Region VI responsible for developing and supervising extended living facilities for the retarded and developmentally handicapped

Description and Objectives:

The retarded person with a motor or sensory handicap faces tremendous burdens in achieving successful community adjustment. Special considerations of training, architecture, adaptations of equipment and resources will be covered.

Material from this conference will be published in a monograph in the fall of 1973 and will be available upon request.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; sometime between September 1972 to March 1973

For Registration or Additional Information write to:

Dr. Gerard J. Bensberg, Director
R&T Center in Mental Retardation
P.O. Box 4510
Texas Tech University
Lubbock, Texas 79409

471 STRUCTURED AND UNSTRUCTURED EMPLOYMENT OPPORTUNITIES FOR THE RETARDED

Instructor: Not Yet Selected

For: State and Community professional personnel in Region VI responsible for developing and supervising extended living facilities for the retarded and developmentally handicapped

Description and Objectives:

The area of work will be explored from various orientations. Use of task analysis and reinforcement in preparing the severely retarded for productive employment as well as employment opportunities in rural-urban and structured and competitive employment will be covered.

Material from this conference will be published in a monograph in the fall of 1973 and will be available upon request.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; sometime between September 1972 and March 1973

For Registration or Additional Information write to:
Dr. Gerard J. Bensberg, Director
R&T Center in Mental Retardation
P.O. Box 4510
Texas Tech University
Lubbock, Texas 79409

472 TEACHING SOCIAL SKILLS AND ASSISTING IN THE SOCIAL ADJUSTMENT OF THE RETARDED IN REHABILITATION

Instructor: Not Yet Selected

For: State and Community professional personnel in Region VI responsible for developing and supervising extended living facilities for the retarded and developmentally handicapped

Description and Objectives:

Structured programs for assisting the retarded to become socially adequate will be presented. Factors relating to impulse control and social appropriateness of the mildly retarded as well as elimination of bizarre behaviors among the severely retarded will be covered.

Material from this conference will be published in a monograph in the fall of 1973 and will be available upon request.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; sometime between September 1972 and March 1973

For Registration or Additional Information write to:
Dr. Gerard J. Bensberg, Director
R&T Center in Mental Retardation
P.O. Box 4510
Texas Tech University
Lubbock, Texas 79409

473 GUARDIANSHIP, ADVOCACY AND PROTECTORSHIP

Instructor: Dr. Elsie Helsel and others

For: State and Community professional personnel in Region VI responsible for developing and supervising extended living facilities for the retarded and developmentally handicapped

Description and Objectives:

Two areas of protecting the rights of the retarded as well as providing needed guardianship services will be explored. Various patterns, approaches and special problems will be discussed. State and Federal laws, agency policies and guidelines will be studied.

Material from this conference will be published in a monograph in the fall of 1973 and will be available upon request.

Maximum Enrollment: 25; Outside Applicants Not Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; sometime between September 1972 and March 1973

For Registration or Additional Information write to:
Dr. Gerard J. Bensberg, Director
R&T Center in Mental Retardation
P.O. Box 4510
Texas Tech University
Lubbock, Texas 79409

474 COMMUNITY RESIDENTIAL SERVICES AS AN AID TO REHABILITATION OF THE RETARDED

Instructors: Dr. John Gladden; Dr. A. Z. Soforenko

For: State and Community professional personnel in Region VI responsible for developing and supervising extended living facilities for the retarded and developmentally handicapped

Description and Objectives:

Group homes, foster homes, supervised apartments and condominiums are being used increasingly as a mechanism for helping to return the retarded to the community from a state institution or to maintain a marginal person in the community. This conference seeks to present information on such factors as staffing patterns, training of staff, problems with zoning, architecture and building codes. In addition to formal presentations by the faculty, the participants will share their experiences with the group.

Material from this conference will be published in a monograph in the fall of 1973 and will be available upon request.

Maximum Enrollment: 25; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; sometime between September 1972 and March 1973

For Registration or Additional Information write to:
Dr. Gerard J. Bensberg, Director
R&T Center in Mental Retardation
Texas Tech University
P.O. Box 4510
Lubbock, Texas 79409

475 TRAINING THE MENTALLY RETARDED FOR SERVICE JOBS IN THE COMMUNITY

Instructors: Texas Tech University Faculty from the schools of

Home Economics, Industrial Engineering, the Research and Training Center, and the Department of Psychology

For: This training institute is intended for vocational rehabilitation counselors from Federal Region VI. Participating counselors will be selected and designated by the directors of training of the respective states of Region VI.

Description and Objectives:

The purpose of this institute is to assist the vocational rehabilitation counselors in utilizing new or different techniques as well as community available techniques and resources in the preparation of mentally retarded individuals to work in service jobs such as hotel-motel custodial and food preparation job stations. The results, findings and techniques of a training manual for supervisors of hotel-motel trainers which was prepared by Dr. Sitton and sponsored by the Research and Training Center in Mental Retardation at Lubbock will be reviewed. Procedures for identifying strengths and weaknesses in the possible placement outcomes for mentally retarded individuals in service areas as described above will be reviewed.

Faculty from the College of Industrial Engineering will review the physical demands and requirements of these job settings and suggest possible ways in identifying physical stress factors which may give rise to or precipitate employment problems on these kinds of jobs for the mentally retarded.

Maximum Enrollment: —; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; specific dates to be designated on July 17th by training advisory group composed of directors of training from Region VI states

For Registration or Additional Information write to:

Dr. Gerard J. Bensberg, Director — or
Dr. Richard G. Benton, Coordinator of Research
R&T Center in Mental Retardation
P.O. Box 4510
Texas Tech University
Lubbock, Texas 79409

476 CONTINUING EDUCATION AND PLANNING INSTITUTE

Instructors: The Director of the Research and Training Center and the Coordinator of Research as well as Texas Tech University Faculty from the departments of Psychology, Industrial Engineering, Special Education, and the Dean of the School of Home Economics

For: This institute is designed and intended to bring together the directors of training of the various and respective state agencies of Region VI. Specifically, the Vocational Rehabilitation agencies and agencies for the blind.

Description and Objectives:

The objective of this institute is to bring together the directors of the various rehabilitative agencies of the states in Region VI and develop an integrated, continuing education framework and plan that will be relevant to the expressed needs of the agencies in this region. The Texas Tech University faculty and the Research and Training Center staff will act as facilitators and coordinators of the sessions. The purpose of this planning institute is to delineate ways in which the Research and Training Center in Mental Retardation can best bring to bear, together with the faculty and facilities of Texas Tech University, effort, knowledge and expertise to problems relevant and expressed by the participants. Thus, it is anticipated that a consistent accountable and relevant format of activities can be developed for the coming years in which the Research and Training Center in Mental Retardation can best apply manpower efforts in order to address problems and needs of priority for Federal Region VI in the area of mental retardation.

Maximum Enrollment: 8; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 2 days; July 17, 1972 to July 18, 1972

For Registration or Additional Information write to:
Dr. Gerard J. Bensberg, Director
R&T Center in Mental Retardation
P.O. Box 4510
Texas Tech University
Lubbock, Texas 79409

477 CONTACT AND COMMUNICATION WITH THE DEAF MENTALLY RETARDED

Instructors: Texas Tech University Faculty

For: Rehabilitation Counselors in Federal Region VI who will be suggested for participation and attendance by the director of training of the respective states

Description and Objectives:

The purpose of this training institute will be to bring to bear new information in the area of deaf mentally retarded. The institute will attempt to present such information in such a way that counselors and rehabilitation persons working in this area will be able to make use of it. It is expected that Texas Tech University faculty—especially Special Education and Psychology will participate and serve as instructors.

The objectives of the short-term training institute will be to review the current techniques, methods and problem areas in the counselor-client relationship. Moreover, there will be a discussion of counselor needs in special problems which have been encountered in dealing with deaf mentally retarded clients. Possible solutions will be explored by the group and recommendations made.

Maximum Enrollment: 16; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; sometime between September 1972 and June 1973

For Registration or Additional Information write to:
Drs. Gerard J. Bensberg, Director and
Richard G. Benton, Coordinator of Research
R&T Center in Mental Retardation
P.O. Box 4510
Texas Tech University
Lubbock, Texas 79409

478 WORK EVALUATION ASSESSMENT AND MONITORING THE PERFORMANCE OF THE MENTALLY RETARDED

Instructors: Texas Tech University Faculty from the departments of Psychology, Industrial Engineering, Special Education and the Research and Training Center

For: Rehabilitation Counselors from Federal Region VI. Participating counselors will be selected and designated by the directors of training of the respective states of Region VI

Description and Objectives:

The purpose of this institute will be to present vocational rehabilitation counselors and other rehabilitation consumers with a review of techniques and approaches as well as methodologies currently being used in the vocational evaluation and work assessment of mentally retarded clients. The merits and weaknesses of each technique and methodology will be outlined and assessed. The institute instructors will suggest several possible ways for counselors to review and evaluate work evaluation reports as well as suggest alternative means of obtaining information which will yield predictive information on employability success. Psychological, physical and work station configuration will be discussed by Psychology and Industrial Engineering faculty in an effort to delineate potential problem areas which may be encountered when placing mentally retarded clients in specific job areas.

Maximum Enrollment: 16; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 7 hours per day for 3 days; Sometime between September 1972 and March 1973

For Registration or Additional Information write to:
Drs. Gerard J. Bensberg, Director, and
Richard G. Benton, Coordinator of Research
R&T Center in Mental Retardation
P.O. Box 4510
Texas Tech University
Lubbock, Texas 79409

RT-22

University of Wisconsin-Stout

479 WORKSHOPS IN WORK EVALUATION

Instructors: Training Staff of Research and Training Center and selected staff of the Department of Rehabilitation and Manpower Services, University of Wisconsin-Stout

For: Work Evaluators with limited experience and training who have been recommended by their state facilities specialists, attendance of a complete section

Description and Objectives:

The series of workshops in Work Evaluation is intended to meet the need for in-depth training of work evaluators employed in a variety of rehabilitation settings. Participants attending the complete series of workshops will master a range of knowledge and skills related to the functioning of the work evaluator, beginning at the introductory level and progressing through to an advanced level of complexity. The training schedule provides an opportunity for the participant to apply the knowledge and skills learned in each training session to the situation in his own facility and to receive advice and feedback from the training staff of the Short-term Training Program when he returns for the next training session.

Basic Work Evaluation (5 days). An introductory survey of the theory and methods of work evaluation, with emphasis on practical applications such as individualized planning of evaluation, selection of evaluation techniques, and observation of work performance and behavior. Supervised practicum experience will be included.

Methods of Work Evaluation (5 days). An analysis of the methods of work evaluation, emphasizing the use of information obtained from work samples, job stations, and psychometric testing in work evaluation. A supervised practicum in the use of common psychometric tests used in work evaluation and standard work samples batteries.

Development of Work Samples (5 days). The development and standardization of work samples, emphasizing the use of job analysis and the Dictionary of Occupational Titles, along with methods of construction, statistics, and manual writing. Participants will be expected to develop a work samples or situational assessment procedure for the final workshop.

Utilization of Work Evaluation (5 days). Work evaluation procedures developed by the participants will be reviewed. The various applications of work evaluation results will be covered, with an emphasis upon the use of work evaluation in planning work adjustment programs for clients.

Maximum Enrollment: 24 per section; Outside Applicants Accepted; Academic Credit Not Available

Schedule: Short-term; 20 days; Basic Work Evaluation: Section I — Oct. 22-27 and Section II — Nov. 12-17; Methods of Work Evaluation: Section I — Dec. 3-8 and Section II Jan. 7-12; Development of Work Samples: Section I — Jan. 21-26 and Section II

— Feb. 18-23; Utilization of Work Evaluation: Section I — Mar. 11-16 and Section II — Apr. 8-13

For Registration or Additional Information write to:

Dr. David Corthell
Acting Training Director
Research and Training Center
Department of Rehabilitation and Manpower Services
University of Wisconsin-Stout
Menomonie, Wisconsin 54751

PERMUTED TITLE INDEX

A graduate program of multidisciplinary training in the 381
A systematic approach for developing and implementing i 318
Access Chicago: Toward a barrier-free environment 455
adjustment and vocational training program/Work 164
adjustment of the amputee/Psychodynamics influencing th 120
adjustment of the multiply handicapped/Special problems 470
adjustment of the retarded in rehabilitation/Teaching s 472
administration and research)/Practicums (in physical th 134
administration for health care administration students/ 263
administration in nursing homes/Nursing 083
administration, physical therapy program, division of a 156
Administrative aspects of rehabilitation medicine/ 451
adolescent psychiatry for vocational counselor/Training 258
adolescents and adults/Counseling techniques with retar 310
adult community residents/Orientation to medical proble 249
adults/Communication problems of brain damaged 453
adults/Counseling techniques with retarded adolescents 310
Advanced animal technician training - Cheltenham High S 247
advanced clinical practicum in speech pathology and aud 031
Advanced psychosocial counseling workshop/ 335
Advanced techniques of communicating with deaf persons/ 379
advocacy and protectorship/Guardianship, 473
advocate program/Patient 240
Affiliation program for undergraduate occupational ther 012
aged/One day seminar: dentistry for the chronically ill 253
aide course/Nurse 125
aide-in-service/Physical therapy 027
aide training/Physical therapy 145
aide training program/Fall River health 192
alcoholism/Clinical aspects of 270
allied health professions/Introduction to 450
amputation, current prosthethic concepts/Symposium on p 239
Amputee clinic/ 280
amputee clinic/Geriatric 141
amputee/Psychodynamics influencing the adjustment of th 120
amputee/Rehabilitation aspects of the 444
An approach to integration of social and rehabilitative 336
An introduction to physical, intellectual and emotional 313
anatomy lectures/Kinesiology and 171
Animal technician training at Simon Gratz High School/ 248
animal technician training - Cheltenham High School/Adv 247
animal technician training/Workshop for 236
Annual Arkansas rehabilitation research and training ce 324
Annual short course in pediatric habilitation/ 058
(aphasia)/Speech pathology of the organically handicapp 049
Aphasia study group/ 221
Applied rehabilitation/ 167
Applied physiology/ 205
approach to integration of social and rehabilitative se 336
Arkansas rehabilitation research and training center re 324
Art and science of teaching/ 353

arterial disease: diagnosis, medical and surgical treat 239
Arthritis seminar/ 157
assessment in rehabilitation psychology/Institute on 212
assessment/Strategies in functional 187
assistant/Clinical training for occupational therapy 460
assistant/Continuing education for certified occupation 463
assistant/Inservice for physical therapists and physica 414
assistant/Physical therapy 465
assistant students/Clinical affiliation for physical th 416
assistants teaching/Physicians 404
assistantships with research and training center/Gradua 339
asthma patients/Group therapy for psychogenic 256
attendant inservice training/Physical therapy 417
Audiologists clinical education/ 210
audiology/Advanced clinical practicum in speech patholo 031
Audio-visual aids to instruction on a limited budget/ 349
audio-visual orientation programs for vocational rehabi 354
audio-visual presentation/Basic techniques of designing 357

barrier-free environment/Access Chicago: Toward a 455
Basic concepts of EMG and NCV as they relate to other m 230
Basic electronics and instrumentation/ 163
Basic orientation for new employees/ 123
Basic sciences - otolaryngology/ 189
Basic techniques of designing materials for audio-visua 357
behavioral deficits as a rehabilitation tool/The modifi 311
Behavior modification as a rehabilitation tool/ 362
behavior/Neuropsychology of 014
behavioral approach for state training officers and loc 352
behavioral approach/Helping: A 348
Behavioral therapy for obese females/ 286
bioelectricity for physical medicine residents/Biomecha 243
bioengineering, neurophysiology, psychophysiology and c 223
biokinetics laboratory research/Theory and practice: 235
Biomechanics and bioelectricity for physical medicine r 243
biomechanics, bracing and prosthetics/Principles of 290
biomechanics/Clinical 060
biomechanics/Graduate training in occupational 061
biomechanics/In-service training in 062
biomechanics/Multi-disciplinary summer school in 063
birth defect and clinical management of the problems/Th 059
bone/Physiology of skeletal muscle and 302
bracing and prosthetics/Principles of biomechanics, 290
brain damaged adults/Communication problems of 453
brain damaged persons/Remedial techniques for cognitive 015
brain pathology/Diagnostic practicum for doctoral stude 215
breathing exercises & postural drainage for inhalation 138
budget/Audio-visual aids to instruction on a limited 349

Cardiac rehabilitation clinic/ 143
Cardiac rehabilitation rounds/ 144
cardiovascular problems/Vocational rehabilitation couns 434
Careers in rehabilitation/ 457
cerebral dysfunction/Neuro-developmental techniques in 413
cerebral localization of blood flow/Medical student tra 006
cerebral palsy/Course in management of 076
change/The trainer as an agent of 356
Chest physiotherapy - techniques & principles of breath 138
child with spina bifida: the birth defect and clinical 059

children in Fairfax County/A survey course for teachers 266
children's clinic/Crippled 169
chronic disease/Comprehensive management of 115
chronically ill and handicapped/Dental intern training 225
chronically ill and handicapped/Senior dental student c 220
clerkship in rehabilitation medicine/Elective 448
clerkship - Introduction to hospital administration/Pre 425
clinic (a teaching program)/(1)Gait clinic (a teaching 384
clinic (a teaching program) (2) Advanced gait clinic (a 384
Clinic conference/ 184
Clinical affiliation for physical therapist assistant s 416
Clinical affiliation for physical therapy students/ 126
Clinical affiliation for physical therapy students/ 127
Clinical affiliation for University of Alabama physical 415
Clinical affiliation in occupational therapy/ 461
Clinical affiliation - occupational therapy student tra 153
Clinical affiliation program for occupational therapy s 001
Clinical affiliation program for physical therapy stude 019
Clinical aspects of alcoholism/ 270
Clinical biomechanics/ 060
clinical, counseling, school and research psychologists 005
Clinical education - dental assistant trainees/ 195
Clinical education - dental hygiene students/ 198
clinical education for physical therapists/Practicum in 018
Clinical elective (medical students on physical and reh 204
Clinical experience for physical therapy students/ 389
Clinical human performance conference/ 268
Clinical neurology for occupational and physical therap 386
Clinical neuropsychology - practicum/ 252
Clinical orientation to physical therapy for registered 016
Clinical physical medicine and rehabilitation/ 289
Clinical physiology of nerve and muscle/ 387
Clinical practice and observation physical therapy/ 024
Clinical practicum in physical therapy/ 467
Clinical practicum in speech pathology/ 048
clinical research/Workshop on principles and methods of 383
Clinical specialist program in physical therapy/ 385
Clinical student observation program - speech pathology 032
Clinical training for graduate therapists and nurses/ 035
Clinical training for occupational therapy assistant st 103
Clinical training for occupational therapy assistant/ 460
Clinical training for occupational therapy students/ 105
Clinical training in orthotics and prosthetics/ 042
(clinical training)/Social work practicum 117
cognitive and perceptual difficulties in brain damaged 015
Combined clinical rotation program/ 111
communicating with deaf persons/Advanced techniques of 379
communicating with deaf persons/Techniques of 370
communicating with deaf persons/Techniques of 380
communication with the deaf mentally retarded/Contact a 477
communication/Disturbances in 372
Communication problems of brain damaged adults/ 453
community adjustment of the multiply handicapped/Specia 470
Community and staff conferences/ 257
community counseling and referral service to serve the 328
Community health sequence/ 119
Community residential services as an aid to rehabilitat 474
Community residents/Orientation to medical problems in 249
Community service programs for deaf persons 373

community/Conferences in rheumatology for the 186
community/Training the mentally retarded for service jo 475
Comprehensive management of chronic disease/ 115
computer applications related to cerebral localization 006
Computer software familiarization/ 165
computers/Programming of small 293
Concepts of scientific inquiry/ 130
Conference in rheumatology/ 183
Conference on new nursing techniques in rehabilitation/ 109
conferences/Community and staff 257
Conferences in rheumatology for the community/ 186
consultants of vocational rehabilitation agencies/Semin 282
Consultative-advisory services on vocational educationa 051
Consultative services/ 333
Contact and communication with the deaf mentally retard 477
Continuing education and planning institute/ 476
Continuing education for certified occupational therapy 463
Continuing education for counselors in the department o 259
continuing education institute of rehabilitation medici 002
Cooperative education and work program/ 007
coronary disease patients and coronary prone subjects: 260
corrections/Mental retardation and 364
Correlated educational employment program for disabled 052
counseling and referral service to serve the deaf/Devel 328
counseling/Facilitative management in rehabilitative 332
counseling/Field work placement in rehabilitation 053
counseling in rehabilitation/Group 338
counseling in rehabilitation/Seminar on group 346
counseling in rehabilitation/Seminar on methods and tec 345
counseling/Internship in rehabilitation 301
counseling internship/Vocational rehabilitation 430
counseling internship with the low-achieving deaf clien 341
counseling internship with the public assistance vocati 342
counseling/1) Introduction to rehabilitation 2) Interns 390
counseling/Practicum in rehabilitation 034
counseling/Practicum in vocational rehabilitation 078
counseling practicum/Vocational rehabilitation 429
counseling psychology/Pre-doctoral internship in 300
counseling/Rehabilitation medicine for graduate student 269
counseling, school and research psychologists/Training 005
Counseling techniques with retarded adolescents and adu 310
counseling/Video tapes of group rehabilitation 224
counselor internships/Vocational 069
counseling with deaf people/Principles, techniques and 375
counseling with the deaf/Group 322
counseling workshop/Advanced psychosocial 335
counselor seminar on gastro-intestinal disorders/Vocati 437
counselor seminar on mental illness/Vocational rehabili 432
counselor seminar on pulmonary rehabilitation/Vocationa 433
counselor seminar on spinal cord injury/Vocational reha 431
counselor training program/Vocational 251
counselors/Interpersonal skills workshop for rehabilita 350
counselors in the department of vocational rehabilitati 259
counselors/Orientation to mental retardation for newly 308
counselors seminar on cardiovascular problems/Vocationa 434
counselors seminar on prosthetics and orthotics/Vocatio 435
counselors/Speech and hearing training program for reha 274
counselors with few deaf clients/Orientation of 369
Course in management of cerebral palsy/ 076

Course in occupational therapy/ 080
Course in physical therapy/ 081
Course in rehabilitation of patients with chronic pulmo 008
Crippled children's clinic/ 169
crisis-prognosis, grief & death/Seminar - dealing with 118
curriculum and syllabus/Musculo-skeletal systems 197
curriculum in occupational therapy/Graduate 091
curriculum in occupational therapy/Undergraduate 092
curriculum in physical therapy/Undergraduate 094
curriculum in prosthetics orthotics/Undergraduate 093

Day of reporting/ 321
deaf client/Rehabilitation counseling internship with t 341
deaf clients/Orientation of counselors with few 369
dealers course/Hearing aid 190
deaf/Developing a community counseling and referral ser 328
deaf/Group counseling with the 322
deaf mentally retarded/Contact and communication with 477
deaf people/Principles, techniques and problems of psyc 375
deaf persons/Advanced techniques of communicating with 379
deaf persons/Community service programs for 373
deaf persons/Techniques of communicating with 370
deaf persons/Techniques of communicating with 380
deafness/A graduate program of multidisciplinary traini 381
deafness/Field work in 371
deafness/Field work in 374
deafness, I/Psychology of 377
deafness, II/Psychology of 378
deafness/Research in 376
death/Seminar--dealing with crisis-prognosis, grief & 118
dental assistant trainees/Clinical education-- 195
dental elective/Senior 244
dental hygiene students/Clinical education-- 198
Dental intern training--dentistry for the chronically i 225
dental student clerkship--dentistry for the chronically 220
dental office/Manual for managing the disabled patient 234
dental seminar/Post doctoral 419
dental student fellowship program/Summer medical and 023
dental students/Orientation in care for physically disa 041
dentistry for the chronically ill and aged/One day semi 253
dentistry for the chronically ill and handicapped pedia 245
dentists in care of the physically handicapped and the 040
Departmental observers and professional group visits 020
Developing a community counseling and referral service 328
Developing physical, intellectual and emotional life sk 320
Development of audio-visual orientation programs for vo 354
diagnosis in rehabilitation/Medical 304
diagnosis/Physical 201
Diagnostic practicum for doctoral students--assessment 215
diction/Voice and 297
Dietetic internship 418
disability process/Socialization in the 456
disability/Psychology of 426
disabled and disadvantaged/Consultative-advisory servic 051
disabled high school students/Correlated educational em 052
disabled patient in the dental office/Manual for managi 234
disabled person/Program to improve employer receptivity 073
disabled youth in rehabilitation and other health setti 285
disabled youth/Summer work study program for economical 056

disabled youth/Summer employment program for economical 439
disabled youths/Summer employment program for economica 330
disadvantaged and disabled youth in rehabilitation and 285
disadvantaged/Consultative-advisory services on vocatio 051
disadvantaged youth with college potential interested i 150
Discussion groups for staff of the department of rehabi 222
Disorders of speech I/ 299
Disorders of speech II/ 298
Disturbances in communication 372
doctoral students--assessment of organic brain patholog 215
Driver and traffic safety education for the physically 057
Driver training for the physically handicapped/ 074
drug abuse/Vocational rehabilitation seminar on 436
Drug education/ 343
Dynamics of the helping relationship/ 312
Dynamics of the helping relationship/ 326
Dynamics of the helping relationship/ 334
Dynamics of the therapeutic relationship/ 317

economically disadvantaged and disabled youth/Summer em 439
economically disadvantaged and disabled youth/Summer wo 056
economically disadvantaged and disabled youths/Summer e 330
education, administration and research)/Practicums (in 134
education and planning institute/Continuing 476
education and work program/Cooperative 007
education/Audiologists clinical 210
education--dental assistant trainees/Clinical 195
education-dental hygiene students/Clinical 198
education/Drug 343
education for certified occupational therapy assistant 463
education for counselors in the department of vocationa 259
education for occupational therapists/In-service 155
education for physical therapists/In-service 142
education for the physically handicapped/Driver and tra 057
education/Health professions 151
education/Health professions 154
education internship/Special 422
Education New York University/Program pre-physical ther 028
education, occupational therapy department/In-service c 010
education/Physical therapy clinical 194
education physical therapy dept., Institute of rehabili 026
education/Pre-clinical occupational therapy and occupat 193
education/Prosthetics and orthotics 047
education/Speech pathologists clinical 209
educational employment problems and programs for the di 051
educational employment program for disabled high school 052
Elderly feeding program/ 208
Elective clerkship in rehabilitation medicine/ 448
Elective course--Department of Physical Medicine/ 100
Elective in rehabilitation medicine for medical residen 397
electrical stimulation to the peroneal nerve/Workshop f 128
Electrodiagnosis/ 291
electrodiagnosis of neuromuscular diseases/Postgraduate 021
electrodiagnostic procedures/Introduction to 452
electronics and instrumentation/Basic 163
electrophysiology lecture series/Neurophysiology and 217
EMG and NCV as they relate to other medical specialties 230
EMG research/Graduate student supervision in 176
emotional life skill personal adjustment programs for r 313

emotional life skill personal adjustment programs for r 320
employees/Basic orientation for new 123
employer receptivity to the hiring of the disabled pers 073
employment opportunities for homebound patients/New 275
employment opportunities for the retarded/Structured an 471
employment problems and programs for the disabled and d 051
employment program for disabled high school students/Co 052
employment program for disadvantaged youth with college 150
employment program for economically disadvantaged and d 439
employment program for economically disadvantaged and d 330
Engineering introduction to clinical medicine/ 295
environment/ACCESS CHICAGO: Toward a barrier-free 455
evaluation of short-term training in rehabilitation/Str 363
evaluation/Prevocational 411
exercise/Physiological correlates of therapeutic 388
exercise testing and training of coronary disease patie 260
Experiential program in health careers for undergraduat 438
exploration of social problems in rehabilitation medici 262
(extended care facility)/Teaching rounds at Wesley Wood 146
externship for VR personnel in Region VI/Training 112

Facilitative management in rehabilitation counseling/ 332
Fall River health aide training program/ 192
family in the rehabilitation of the patient/The role of 272
feeding program/Elderly 208
fellowship in physical medicine and rehabilitation/Grad 077
fellowship program/Multidisciplinary 238
fellowship program/Summer medical and dental student 023
Fellowship in rheumatology/ 229
Fellowship training in physical medicine and rehabilita 102
females/Behavioral therapy for obese 286
Field instruction for graduate social work students/ 149
Field work in deafness/ 371
Field work in deafness/ 374
Field work placement in rehabilitation counseling/ 053
Four week advanced course in physical rehabilitation me 036
Functional aids and adaptations for the physically disa 071

gait clinic (a teaching program)/ (1) Gait clinic (a te 384
Gait clinic (a teaching program) (2) Advanced gait clin 384
gastro-intestinal disorders/Vocational rehabilitation c 437
Geriatric amputee clinic/ 141
Graduate assistantships with research and training cent 339
Graduate curriculum in occupational therapy/ 091
Graduate fellowship in physical medicine and rehabilita 077
Graduate program in physical therapy/ 079
graduate program of multidisciplinary training in the a 381
Graduate student supervision in EMG research/ 176
graduate students in rehabilitation counseling/Rehabili 269
Graduate training in occupational biomechanics/ 061
grief & death/Seminar--dealing with crisis-prognosis, 118
Group counseling in rehabilitation/ 338
group counseling in rehabilitation/Seminar on 346
Group counseling with the deaf/ 322
Group therapy for psychogenic asthma patients/ 256
Guardianship, advocacy and protectorship/ 473

handicapped/Dental intern training - dentistry for the 225
handicapped I (aphasia)/Speech pathology of the organi 049

handicapped/Senior dental student clerkship - dentistr 220
health aide training program/Fall River 192
health care administration students/Problem in rehabil 263
health care/Summer employment program for disadvantage 150
health career and rehabilitation professional personne 004
health care/Management theory in 152
Health career opportunities program 1972/ 025
health careers for undergraduate students/Experimental 438
health education students/Sports medicine 267
health personnel/Rehabilitation of the stroke patient 440
health professional/Supervision of supportive personne 086
Health professions education/ 151
Health professions education/ 154
health professions/Introduction to allied 450
health sequence/Community 119
Hearing aid dealers course/ 190
hearing training program for rehabilitation counselors 274
Helping: A behavioral approach/ 348
Helping: A behavioral approach for state training offi 352
helping relationship/Dynamics of the 312
helping relationship/Dynamics of the 326
helping relationship/Dynamics of the 334
high school students/Work-study program for 232
high school students/Correlated educational employment 052
hiring of the disabled person/Program to improve emplo 073
homebound patients/New employment opportunities for 275
hospital administration/Pre-course clerkship - Introdu 425
hospitals residency training program of Baylor College 101
How to select, administer and interpret psychological 355
How to select, administer and interpret psychological 358
human performance conference/Clinical 268
human service personnel/Placement activities for 359
human services/Undergraduate clinical experience in 428
hypnosis/Workshop in clinical 045

Increasing minority participation in state agencies/ 340
information for foster and adoptive parents/Rehabilita 281
inhalation therapists/Chest physiotherapy - techniques 138
Inhalation therapy technician training 421
Inpatient care in rehabilitation medicine/ 271
inquiry/Concepts of scientific 130
In-service continuing education, occupational therapy 010
In-service continuing education physical therapy dept. 026
In-service education for occupational therapists/ 155
In-service education for physical therapists/ 142
Inservice for physical therapists and physical therapy 414
In-service training in biomechanics/ 062
in-service training/Medical social service 395
inservice training/Physical medicine and rehabilitatio 213
in-service training programs/A systematic approach for 318
Institute of rehabilitation studies training/ 337
Institute on assessment in rehabilitation psychology/ 212
Institutes in rehabilitation 391
Instrumentation/Basic electronics and 163
instrumentation/Systems approach to 294
insurance claim adjusters/Orientation to rehabilitatio 468
intellectual and emotional life skill personal adjustm 313
intellectual and emotional life skill personal adjustm 320
Interdisciplinary course in neurology department/ 241

intern training - dentistry for the chronically ill an 225
International training program for physical and occupa 037
internship/Dietetic 418
Internship for graduate dentists in care of the physic 040
Internship in clinical psychology (neuropsychology & re 423
internship in counseling psychology/Pre-doctoral 300
Internship in rehabilitation counseling/ 301
Internship in rehabilitation counseling/1) Introductio 390
Internship program for clinical and rehabilitation psy 216
internship/Psychology 070
internship/Special education 422
internship/Vocational rehabilitation counseling 430
internship with the low-achieving deaf client/Rehabili 341
internship with the public assistance vocational rehab 342
internships/Psychological 066
internships/Vocational counselor 069
interpersonal skills as it relates to rehabilitation c 329
Interpersonal skills for trainers. 323
Interpersonal skills training for rehabilitation secre 325
Interpersonal skills training for rehabilitation secre 316
Interpersonal skills training for trainers 315
Interpersonal skills workshop for rehabilitation couna 350
Introduction to allied health professions/ 450
Introduction to clinical medicine/ 202
Introduction to clinical medicine/ 228
Introduction to electrodiagnostic procedures/ 452
Introduction to mental retardation/ 309
introduction to physical, intellectual and emotional l 313
Introduction to rehabilitation 2) Internship in rehabi 390
Introduction to occupational therapy in physical disab 107
Introduction to occupational therapy techniques in reh 106
Introduction to patient treatment/ 200
Introduction to principles and practices of vocational 054
Introduction to principles of rehabiltation psychology 004
Introduction to the basic principles of management/ 360
Introduction to the rehabilitation of the mentally ret 368
Introduction to the sociology of medicine/ 296

jobs in the community/Training the mentally retarded f 475
Journal club (presentation of current medical topics)/ 161
Junior medical students in neurology curriculum/ 231
Junior medical students in the musculoskeletal curricu 219

Kinesiology and anatomy lectures/ 171

Language rehabilitation of stroke patients/ 278
laryngectomized patients/Speech rehabilitation of 279
learning and control/Motor 132
learning and control/Motor 174
Lecture and demonstration course in the use of orthope 017
lecture series/Senior 445
legislators in the area of mental retardation/The role 367
life skill personal adjustment programs for rehabilita 313
life skill personal adjustment programs for rehabilita 320
local training coordinators/Helping? A behavioral appr 352
long-term patient/Internship for graduate dentists in 040
low-achieving deaf client/Rehabilitation counseling in 341
L.P.N.'s/Preventive nursing skills for 084

management in rehabilitation counseling/Facilitative 332
management/Introduction to the basic principles of 360
management of cerebral palsy/Course in 076
management of chronic disease/Comprehensive 115
management of the physical medicine patient/Medical 182
management of the rehabilitation patient/Physical ther 277
management techniques for the severely disabled/Short 113
Management theory in health care/ 152
Management workshops/ 185
Manual for managing the disabled patient in the dental 234
Master of science degree program/ 097
Master of Science in physical therapy/ 292
medical and dental student fellowship program/Summer 023
medical care and management techniques for the severel 113
medical clerkship in physical medicine and rehabilitat 227
Medical diagnosis in rehabilitation/ 304
Medical factors in vocational rehabilitation/ 085
Medical management of the physical medicine patient/ 182
medical orthopedic for pediatric house and attending s 398
medical problems in the community for adult community 249
Medical psychological vocational aspects of rehabilita 055
Medical rehabilitation - A review 403
medical residents/Electives in rehabilitation medicine 397
Medical social service in-service training/ 395
Medical specialties/Basic concepts of EMG and NCV as t 230
Medical student electives in rehabilitation medicine/ 090
Medical student lectures/ 166
Medical student training in advanced nuclear and compu 006
medical students in neurology curriculum/Junior 231
(medical students on physical and rehabilitation medic 204
medical students/Summer training program for 284
Medical students teaching 402
medical topics)/Journal club (presentation of current 161
medical traineeship/Undergraduate 159
medical treatment/Seminar - Development and use of the 122
medical writing/Workshop on 382
medicine/Administrative aspects of rehabilitation 451
medicine/An exploration of social problems in rehabili 262
medicine and rehabilitation/Fellowship training in phy 102
medicine and rehabilitation/Graduate fellowship in phy 077
medicine/Discussion groups for staff of the department 222
medicine/Elective clerkship in rehabilitation 448
Medicine/Elective course - Department of Physical 100
medicine/Engineering introduction to clinical 295
medicine for physicians assistants/Training in rehabil 199
Medicine for the physiatrist/ 454
medicine/Inpatient care in rehabilitation 271
medicine/Introduction to clinical 202
medicine/Introduction to clinical 228
medicine/Introduction to sociology of 296
medicine/Medical student electives in rehabilitation 090
medicine programs/Participation in continuing educatio 002
medicine/Residency training for physicians in rehabili 046
medicine/Residency training in rehabilitation 095
medicine/Residency training in rehabilitation 466
medicine resident rotation/Pulmonary 400
medicine resident training program/Physical and rehabi 191
medicine/Summer student fellows - rehabilitation 203
medicine/Training in psychosomatic 264

medicine training programs/Participation in continuing	072
mental illness/Vocational rehabilitation counselor sem	432
Mental retardation and corrections/	364
mental retardation for newly appointed rehabilitation	308
mental retardation/Introduction to	309
mentally retarded/Relevance of the social environment	306
mental retardation/The role of state legislators in th	367
mentally retarded/Contact and communication with the d	477
mentally retarded for service jobs in the community/Tr	475
mentally retarded/Introduction to the rehabilitation o	368
mentally retarded/The nurse in the rehabilitation of t	361
mentally retarded/The role of the welfare specialist i	366
mentally retarded.The vocational rehabilitation of the	365
mentally retarded through the use of sheltered work/Vo	307
mentally retarded/Work evaluation assessment and monit	478
minority participation in state agencies/Increasing	340
modification of behavioral deficits as a rehabilitatit	311
Motor learning and control/	174
Multidisciplinary fellowship program/	238
Multi-disciplinary summer school in biomechanics/	063
multiply handicapped/Special problems associated with	470
muscle and bone/Physiology of skeletal	302
muscle/Clinical physiology of nerve and	387
Muscular dystrophy teaching clinic/	162
musculoskeletal curriculum/Junior medical students in	219
Muscolo-skeletal disorders/	206
Musculo-skeletal systems curriculum and syllabus/	197

NCV as they relate to other medical specialities/Basic	230
nerve and muscle/Clinical physiology of	387
Neuroanatomy and neurophysiology I/	135
Neuroanatomy and neurophysiology II/	136
Neuro-developmental techniques in treating cerebral dy	413
neurological disease/Rehabilitation aspects of	443
neurology curriculum/Junior medical students in	231
neurology department/Interdisciplinary course in	241
neurology for occupational and physical therapists/Cli	386
neurology/Seminar in bioengineering, neurophysiology,	223
neuromuscular diseases/Postgraduate course in clinical	021
neuromuscular dysfunction for physiatrists and other p	008
Neurophysiology and electrophysiology lecture series/	217
neurophysiology I/Neuranatomy and	135
neurophysiologyII/Neuroanatomy and	136
neurophysiology, psychophysiology and clinical neurolo	223
(neuropsychology & rehabilitation)/Internship in clini	423
Neuropsychology of behavior	014
neuropsychology - practicum/Clinical	252
neurosensory curriculum/	237
neurosurgical nurses/SCI rehabilitation nursing concep	108
New employment opportunities for homebound patients/	275
New York university school of medicine first-fourth ye	022
nuclear and computer applications related to cerebral	006
Nurse aide course/	125
nurse in the rehabilitation of the mentally retarded/T	361
nurse program in occupational therapy/Practical studen	030
nurses aide training program/Speech pathology	033
nurses & student nurses to physical therapy/Orientatio	139
nurses/Clinical orientation to physical therapy for re	016
nurses/Clinical training for graduate therapists and	035

nurses/Four week advanced course in physical rehabilit 036
nurses/rehabilitation nursing affilation for public he 255
nurses/Rehabilitation nursing for public health and vi 406
nurses/Speech pathology for rehabilitation 050
nurses/Team approach to rehabilitation for 265
nurses/Three week seminar in physical rehabilitation m 039
Nursing admisinstration in nursing homes/ 083
nursing assistant course/Rehabilitation 124
nursing (clinical)/Rehabilitation 408
nursing concepts for neurosurgical nurses/SCI rehabili 108
nursing in-service/Rehabilitation 407
nursing pathways in depth/Rehabilitation 099
nursing practice/Rehabilitation 110
nursing/Rehabilitation 469
nursing skills for L.P.N.'s/Preventive 084
nursing techniques in rehabilitation/Conference on new 109
nutritionist in a rehabilitation program/Role of the 207

obese females/Behavioral therapy for 286
occupational and physical therapists/Clinical neurolog 386
occupational biomechanics/Graduate training in 061
occupational therapists and registered nurses/Four wee 036
occupational therapists/In-service education for 155
occupational therapists/International training program 037
occupational therapists/Orthotics for 458
occupational therapy and occupational therapy clinical 193
occupational therapy assistant/Clinical training for 460
occupational therapy assistant/Continuing education fo 463
occupational therapy assistant students/Clinical train 103
Occupational therapy clinical affiliation 410
occupational therapy/Clinical affiliation in 461
occupational therapy/Course in 080
occupational therapy department/In-service continuing e 010
occupational therapy for rehabilitation professionals/ 011
occupational therapy/Graduate curriculum in 091
occupational therapy in area of physical disabilities/ 175
occupational therapy in physical disabilities/Introduc 107
occupational therapy/Practical student nurse program i 030
occupational therapy/Pre-clinical affiliation in 464
occupational therapy program and staff/Systematic appr 459
occupational therapists/Refresher course for 075
Occupational therapy student affiliation/ 029
occupational therapy student training/Clinical affilia 153
occupational therapy students/Affiliation program for 012
occupational therapy students/Clinical affiliation pro 001
occupational therapy students/Clinical training for 105
occupational therapy students/Pre-clinical experience f 003
occupational therapy students/Pre-clinical experience f 013
occupational therapy students/Pre-clinical training for 104
occupational therapy teaching/Physical therapy and 405
occupational therapy techniques in rehabilitation/Intr 106
occupational therapy/Undergraduate curriculum in 092
Occupational therapy workshop in treatment techniques 242
One day seminar: dentistry for the chronically ill and 253
on-site vists/Regional supervisory seminars and region 188
opportunities program 1972/Health career 025
Orientation & observation in occupational therapy in a 175
Orientation and observation to occupational therapy fo 011
orientation for new employees/Basic 123

Orientation in care for physically disabled for dental 041
Orientation of counselors with few deaf clients 369
Orientation of nurses & student nurses to physical the 139
Orientation to medical problems in the community for a 249
Orientation to mental retardation for newly appointed 308
Orientation to psychodiagnostic testing/ 064
Orientation to rehabilitation for insurance claim adju 468
orthopedic appliances/Lecture and demonstration course 017
Orthopedic resident training in rehabilitation researc 170
orthopedics for pediatric house and attending staff/Pe 398
orthotic devices/Psycho-social factors influencing pat 114
orthotics and prosthetics/Clinical training in 042
orthotics education/Prosthetics and 047
Orthotics for occupational therapists/ 458
orthotics/Undergraduate curriculum in prosthetics 093
orthotics/Vocational rehabilitation counselors seminar 435
otolarynogology/Basic sciences - 189

parents/Rehabilitation and medical information for fost 281
Participation in continuing education institute of reha 002
Participation in continuing institute of rehabilitation 072
Patient advocate program/ 240
patient care/Psychological principles applied to 067
patient care/Special 196
patient/Seminar on rehabilitation of the stroke 087
patient treatment/Introduction to 200
patient utilization of orthotic devices/Psycho-social f 114
patho-physiology for physical therapists/Respiratory 009
pediatric habilitation/Annual short course in 058
Pediatric medical orthopedics for pediatric house and a 398
pediatric patient/Rehabilitation dentistry for the chro 245
Pediatric rehabilitation/ 441
Pediatric rehabilitation elective 401
pediatric rehabilitation--Elizabethtown State Crippled 250
Pediatric rheumatology teaching clinic/ 140
pediatric rotation/Supervision of students on 399
perceptual difficulties in brain damaged persons/Remedi 015
performance conference/Clinical human 268
performance of the mentally retarded/Work evaluation as 478
peroneal nerve/Workshop for training of physical therap 128
personal adjustment programs for rehabilitation clients 313
personal adjustment programs for rehabilitation clients 320
physiatrist/Medicine for the 454
physiatrists and other physicians/Course in rehabilitat 008
physical and occupational therapists/International trai 037
Physical and rehabilitation medicine resident training 191
Physical diagnosis/ 201
physical disabilities/Introduction to occupational ther 107
physical dysfunction/Practicum 412
physical, intellectual and emotional life skill persona 313
physical, intellectual and emotional life skill persona 320
Physical medicine and rehabilitation/ 173
physical medicine and rehabilitation/Clinical 289
physical medicine and rehabilitation Grady Memorial Hos 147
physical medicine & rehabilitation/Research in 288
physical medicine and rehabilitation/Residency in 396
physical medicine and rehabilitation/Residency program 158
physical medicine and rehabilitation/Residency training 283
Physical medicine and rehabilitation resident teaching 168

Physical medicine and rehabilitation inservice training 213
physical medicine and rehabilitation/Internship program 216
physical medicine and rehabilitation/Residency training 214
physical medicine and rehabilitation/Senior elective in 218
physical medicine and rehabilitation/Undergraduate medi 227
physical medicine patient/Medical management of the 182
physical medicine residents/Biomechanics and bioelectri 243
Physical medicine ward, Grady Memeorial Hospital, teach 181
physical therapist assistant students/Clinical affiliat 416
physical therapists and physical therapy assistant/Inse 414
physical therapists/Clinical neurology for occupational 386
physical therapists in application and use of functiona 128
physical therapists/In-service education for 142
physical therapists, occupational therapists and regist 036
physical therapists/Practicum in clinical education for 018
physical therapists/Respiratory patho-physiology for 009
Physical therapy aide-in-service/ 027
Physical therapy aide training/ 145
Physical therapy and occupational therapy teaching/ 405
Physical therapy assistant/ 465
Physical therapy attendant inservice training/ 417
Physical therapy clinical education/ 194
physical therapy/Clinical practice and observation 024
physical therapy/Clinical practicum in 467
physical therapy/Clinical specialist program in 385
physical therapy/Course in 081
physical therapy dept., Institute of rehabilitation med 026
physical therapy education, administration and research 134
physical therapy for registered nurses/Clinical orienta 016
physical therapy/Graduate program in 079
Physical therapy in the management of the rehabilitatio 277
physical therapy/Master of Science in 292
physical therapy/Orientation of nurses & student nurses 139
physical therapy program, division of ahp, Emory Univer 156
physical therapy/Seminar series - current problems and 133
physical therapy students/Clinical affiliation for 126
physical therapy students/Clinical affiliation for 127
physical therapy students/Clinical affiliation for Univ 415
physical therapy students/Clinical affiliation program 019
physical therapy students/Clinical experience for 389
physical therapy students/Training program for 287
physical therapy students/Training program for junior 276
physical therapy/Undergraduate curriculum in 094
physically disabled e31.1756/Functional aids and adapta 071
physically disabled for dental students/Orientation in 041
physically handicapped and the long-term patient/Intern 040
physically handicapped/Driver and traffic safety educat 057
physically handicapped/Driver training for the 074
physically handicapped (first and second semester)/Reha 038
physically handicapped/Psychology of the 233
physician inpatient rounds/Resident 160
physician-patient relationship in medical treatment/Sem 122
physicians and residents - Temple University Hospital/R 211
Physicians assistants teaching 404
physicians assistants/Training in rehabilitation medici 199
physicians in rehabilitation medicine/Residency trainin 046
Physiological correlates of therapeutic exercise/ 388
physiology/Applied 205
Physiology of exercise testing and training of coronary 260

physiology of nerve and muscle/Clinical 387
Physiology of skeletal muscle and bone/ 302
physiotherapy - techniques & principles of breathing ex 138
Placement activities for human service personnel/ 359
planning institute/Continuing education and 476
PM&R affiliated hospitals residency training program of 101
podiatrists/Seminar in peripheral vascular disease for 246
Post doctoral dental seminar/ 419
Postdoctoral visiting scientists/ 172
Postgraduate course in clinical electrodiagnosis of neu 021
Practicum in clinical education for physical therapists 018
Practicum in rehabilitation counseling/ 034
Practicum in vocational rehabilitation counseling/ 078
Practicum, physical dysfunction/ 412
Practicums (in physical therapy education, administrati 134
Practical student nurse program in occupational therapy 030
Pre-clinical affiliation in occupational therapy/ 464
Pre-clinical experience for occupational therapy studen 003
Pre-clinical experience for occupational therapy studen 013
Pre-clinical training for occupational therapy students 104
Pre-clinical occupational therapy and occupational ther 193
Pre-course clerkship - Introduction to hospital adminis 425
Pre-doctoral internship in counseling psychology/ 300
pre-physical therapy associate in Applied Science Schoo 028
Preventative nursing skills for L.P.N.'s/ 084
Prevocational evaluation/ 411
Principles of administration, physical therapy program, 156
Principles of biomechanics, bracing and prosthetics/ 290
Principles of psychological first aid/ 065
Principles, techniques and problems of psychological co 375
Problems in rehabilitation administration for health ca 263
Program pre-physical therapy associate in Applied Scien 028
Program to improve employer receptivity to the hiring o 073
programming for the moderately, severely and profoundly 305
Programming of small computers/ 293
Prosthetics and orthotics education/ 047
prosthetics and orthotics/Vocational rehabilitation cou 435
prosthetics/Clinical training in orthotics and 042
prosthetic concepts/Symposium on peripheral arterial di 239
prosthetics orthotics/Undergraduate curriculum in 093
prosthetics/Principles of biomechanics, bracing and 290
protectorship/Guardianship, advocacy and 473
Psychiatric implications of rehabilitation/ 446
Psychiatric seminars/ 044
psychiatry for vocational counselors/Training program i 258
psychodiagnostic testing/Orientation to 064
Psychodynamics influencing the adjustment of the ampute 120
psychogenic asthma patients/Group therapy for 256
Psychological conference/ 068
psychological counseling with deaf people/Principles, t 375
psychological first aid/Principles of 065
Psychological internships/ 066
Psychological principles applied to patient care/ 067
psychological tests/How to select, administer and inter 355
psychological tests/How to select, administer and inter 358
psychological vocational aspects of rehabilitation/Medi 055
psychologists in physical medicine and rehabilitation/I 216
psychologists/Training of clinical, counseling, school 005
psychology for health career and rehabilitation profess 004

psychology/Institute on assessment in rehabilitation 212
Psychology internship/ 070
Psychology of deafness, I/ 377
Psychology of deafness, II/ 378
Psychology of disability/ 426
psychology (neuropsychology & rehabilitation)/Internshi 423
Psychology of the physically handicapped/ 233
psychology/Pre-doctoral internship in counseling 300
psychophysiology and clinical neurology/Seminar in bioe 223
psychosocial counseling workship/Advanced 335
Psycho-social factors influencing patient utilization o 114
psychosomatic medicine/Training in 264
public assistance recipient/Rehabilitation of the 314
public assistance vocational rehabilitation client/Reha 342
public health and visiting nurses/Rehabilitation nursin 406
public health nurses/Rehabilitation nursing affiliation 255
pulmonary disease and with neuromuscular dysfunction fo 008
Pulmonary medicine residents rotation/ 400
pulmonary rehabilitation/Vocational rehabilitation coun 433

Recent advances in rehabilitation/ 137
referral service to serve the deaf/Developing a communi 328
Refresher course for occupational therapists/ 075
Region VI/Training externship for VR personnel in 112
Regional supervisory seminars and regional supervisory 188
Regional training program/ 351
Regional training workshop/ 327
Rehabilitation and medical information for foster and a 281
rehabilitation/Applied 167
Rehabilitation aspects of neurological disease/ 443
Rehabilitation aspects of rheumatology/ 449
Rehabilitation aspects of spinal cord injury/ 447
Rehabilitation aspects of the amputee/ 444
rehabilitation care from institutes/Video tape material 393
Rehabilitation counseling internship with the low-achie 341
Rehabilitation counseling internship with the public as 342
Rehabilitation dentistry for the chronically ill and ha 245
Rehabilitation for the physically handicapped (first an 038
Rehabilitation medicine curriculum at New York Universi 022
Rehabilitation medicine for graduate students in rehabi 269
Rehabilitation medicine for staff physicians and reside 211
Rehabilitation methods in social welfare/ 088
Rehabilitation nursing/ 469
Rehabilitation nursing affiliation for public health nu 255
Rehabilitation nursing assistant course/ 124
Rehabilitation nursing (clinical)/ 408
Rehabilitation nursing for public health and visiting n 406
Rehabilitation nursing in-service 407
Rehabilitation nursing pathways in depth/ 099
Rehabilitation nursing practice/ 110
Rehabilitation of the public assistance recipient/ 314
Rehabilitation of the retarded in rural areas/ 303
Rehabilitation of the severely disabled: Identification 319
Rehabilitaion of the stroke patient for allied health p 440
Rehabilitation programming for the moderately, severely 305
rehabilitation/Recent advances in 137
Rehabilitation research/ 442
Rehabilitation social work - Clinical experience/ 427
Rehabilitation worker trainee program/ 226

rehabilitative care/Videotape material on comprehensive 394
Relevance of the social environment in the rehabilitati 306
Remedial techniques for cognitive and perceptual diffic 015
reporting/Day of 321
research conference/Annual Arkansas rehabilitation rese 324
research/Graduate student supervision in EMG 176
Research in deafness/ 376
Research in physical medicine & rehabilitation/ 288
research/Orthopedic resident training in rehabilitation 170
research)/Practicum (in physical therapy education, adm 134
research psychologists/Training of clinical, counseling 005
research/Rehabilitation 442
Research seminar - Krusen Center for Research and Engin 254
research/Theory and practice: biokinetics laboratory 235
research/Workshop on principles and methods of clinical 383
Residency in physical medicine and rehabilitation 396
Residency program in physical medicine and rehabilitati 158
Residency training in rehabilitation medicine/ 095
Residency training in rehabilitation medicine/ 466
Residency training in physical medicine and rehabilitat 214
Residency training in physical medicine and rehabilitat 283
Residency training for physicians in rehabilitation med 046
residency training program of Baylor College of Medicin 101
Resident physician inpatient rounds/ 160
resident rotation/Pulmonary medicine 400
resident teaching rounds/Physical medicine and rehabili 168
resident training in rehabilitation research/Orthopedic 170
resident training program/Physical and rehabilitation m 191
residents/Biomechanics and bioelectricity for physical 243
residents/Elective in rehabilition medicine for medical 397
residents - Temple University Hospital/Rehabilitation m 211
Respiratory patho-physiology for physical therapists/ 009
residential services as an aid to rehabilitation of the 474
retarded adolescents and adults/Counseling techniques w 310
retarded/Community residential services as an aid to re 474
retarded/Contact and communication with the deaf mental 477
retarded for service jobs in the community/Training the 475
retarded in rehabilitation/Teaching social skills and a 472
retarded in rural areas/Rehabilitation of the 303
retarded/Rehabilitation programming for the moderately, 305
retarded/Structured and unstructured employment opportu 471
retarded/Work evaluation assessment and monitoring the 478
Rheumatology and rehabilitation/ 179
rheumatology/Conference in 183
rheumatology/Fellowship in 229
rheumatology for the community/Conferences in 186
rheumatology, Grady Memorial Hospital/Teaching rounds - 178
Rheumatology lecture series/ 180
rheumatology/Rehabilitation aspects of 449
rheumatology teaching clinic/Pediatric 140
rheumatology, Veterans Administration/Teaching rounds - 177
role and significance of interpersonal skills as it rel 329
Role of social service in a rehabilitation facility/ 121
role of state legislators in the area of mental retarda 367
role of the family in the rehabilitation of the patient 272
Role of the nutritionist in a rehabilitation program/ 207
role of the welfare specialist in the rehabilitation of 366
rotation program/Combined clinical 111

school and research psychologists/Training of clinical 005
Scientific basis for therapeutic techniques/ 131
SCI rehabilitation nursing concepts for neurosurgical 108
secretaries: An introduction and demonstration/Interpe 316
secretaries/Interpersonal skills training for rehabili 325
self care skills/Teaching 096
seminar/Arthritis 157
Seminar - dealing with crisis-prognosis, grief & death 118
seminar: dentistry for the chronically ill and aged/On 253
Seminar - Development and use of the physician-patient 122
Seminar in bioengineering, neurophysiology, psychophys 223
Seminar in peripheral vascular disease for podiatrists 246
Seminar in physical rehabilitation methods for registe 039
seminar - Krusen Center for Research and Engineering/R 254
seminar on cardiovascular problems/Vocational rehabili 434
seminar on drug abuse/Vocational rehabilitation 436
seminar on gastro-intestinal disorders/Vocational reha 437
Seminar on group counseling in rehabilitation/ 346
seminar on mental illness/Vocational rehabilitation co 432
Seminar on methods and techniques of counseling in reh 345
seminar on prosthetics and orthotics/Vocational rehabi 435
seminar on pulmonary rehabilitation/Vocational rehabil 433
Seminar on rehabilitation of the stroke patient/ 087
Seminar on sexual function/ 116
seminar on spinal cord injury/Vocational rehabilitatio 431
seminar/Post doctoral dental 419
Seminar series - current problems and issues in physic 133
seminar/Workman's compensation 089
seminars and regional supervisory on-site visits/Regio 188
Seminars for medical consultants of vocational rehabil 282
seminars/Psychiatric 044
Senior dental elective/ 244
Senior dental student clerkship - dentistry for the ch 220
Senior elective in physical medicine and rehabilitatio 218
Senior lecture series/ 445
sensorimotor dysfunction/Occupational therapy workshop 242
severely disabled: Identification of non-vocational ne 319
severely disabled/Short course in medical care and man 113
Sex education for spinal cord injuries/ 082
sexual function/Seminar on 116
Short course in medical care and management techniques 113
short-term training in rehabilitation/Strategies for t 363
social and rehabilitative services/An approach to inte 336
social environment in the rehabilitation of the mental 306
social problems in rehabilitation medicine/An explorat 262
social service in a rehabilitation facility/Role of 121
social service in-service training/Medical 395
(social services/vocational rehabilitation) in-service 318
social skills and assisting in the social adjustment o 472
social welfare/Rehabilitation methods in 088
socail work - Clinical experience/Rehabilitation 427
Social work practicum (clinical training)/ 117
social work students/Field instruction for graduate 149
social work/Summer work study program for graduate stu 043
Socialization in the disability process/ 456
sociology of medicine/Introduction to the 296
software familiarization/Computer 165
Special education internship 422
Special patient care/ 196

Special problems associated with community adjustment o 470
Speech and hearing training program for rehabilitation 274
speech I/Disorders of 299
speech II/Disorders of 298
Speech habilitation for stutterers/ 273
speech pathology and audiology advanced clinical pract 031
speech pathology/Clinical practicum in 048
speech pathology/Clinical student observation program 032
Speech pathology for rehabilitation nurses/ 050
Speech pathology nurses aide training program/ 033
Speech pathology of the organically handicapped I (aph 049
Speech pathologists clinical education/ 209
Speech rehabilitation of laryngectomized patients/ 279
spina bifida: the birth defect and clinical management 059
spinal cord injuries/Sex education for 082
spinal cord injury/Rehabilitation aspects of 447
spinal cord injury/Vocational rehabilitation counselor 431
Splinting workshop 409
Sports medicine for health education students/ 267
state agencies/Increasing minority participation in 340
State rehabilitation agency project report/ 331
state training officers and local training coordinator 352
Strategies for the valuation of short-term training in 363
Strategies in functional assessment/ 187
stroke patient for allied health personnel/Rehabilitat 440
stroke patient/Seminar on rehabilitation of the 087
stroke patient/The 098
stroke patients/Language rehabilitation of 278
Structured and unstructured employment opportunities f 471
student affiliation/Occupational therapy 028
student clerkship - dentistry for the chronically ill 220
student electives in rehabilitation medicine/Medical 090
student fellows - rehabilitation medicine/Summer 203
student fellowship program/Summer medical and dental 023
student lectures/Medical 166
student observation program - speech pathology/Clinica 032
student supervision in EMG research/Graduate 176
student training/Clinical affiliation--occupational th 153
student training in advanced nuclear and computer appl 006
students/Affiliation program for undergraduate occupat 012
students - assessment of organic brain pathology/Diagn 215
students/Clinical affiliation for physical therapist a 416
students/Clinical affiliation for physical therapy 126
students/Clinical affiliation for physical therapy 127
students/Clinical affiliation for University of Alabam 415
students/Clinical affiliation program for occupational 001
students/Clinical affiliation program for physical the 019
students/Clinical education - dental hygiene 198
students/Clinical experience for physical therapy 389
Students/Clinical training for occupational therapy 105
students/Clinical training for occupational therapy as 103
students/Correlated educational employment program for 052
students/Experimential program in health careers for u 438
students/Field instruction for graduate social work 149
students in neurology curriculum/Junior medical 231
students in social work/Summer work study program for g 043
students in the musculoskeletal curriculum/Junior medi 219
students on pediatric roatation/Supervision of 399
students on physical and rehabilitation medicine rotat 204

students/Orientation in care for physically disabled f 041
students/Pre-clinical experience for occupational ther 003
students/Pre-clinical experience for occupational ther 013
students/Pre-clinical training for occupational therap 104
students/Rehabilitation medicine curriculum at New Yor 022
students/Sports medicine for health education 267
students/Summer training program for medical 284
students teaching/Medical 402
students/Training program for junior physical therapy 276
students/Work-study program for high school 232
stutterers/Speech habilitation for 273
Summer employment program for disadvantaged youth with 150
Summer employment program economically disadvantaged a 439
Summer employment program for economically disadvantag 330
Summer medical and dental student fellowship program/ 023
Summer student fellows - rehabilitation medicine/ 203
Summer training program for medical students/ 284
Summer work & training program for disadvantaged and d 285
Summer work study program for economically disadvantag 056
Summer work study program for graduate students in soc 043
Summer work-study program in comprehensive rehabilitat 392
Supervision of students on pediatric rotation/ 399
Supervision of supportive personnel for the health pro 086
supportive personnel/Utilization of 462
Survey course for teachers working with expeptional ch 266
syllabus/Musculo-skeletal systems curriculum and 197
Symposium on peripheral arterial disease: diagnosis, m 239
systematic approach for developing and implementing in 318
Systematic approach to the utilization of occupational 459
Systems approach to instrumentation/ 294

teachers working with exceptional children in Fairfax 266
teaching/Art and science of 353
teaching clinic/Muscular dystrophy 162
Teaching rounds at the Atlanta, Georgia Veterans Admin 148
Teaching rounds at Wesley Woods Health Center (extende 146
Teaching rounds, physical medicine and rehabilitation 147
teaching rounds/Physical medicine and rehabilitation r 168
teaching rounds/Physical medicine ward, Grady Memorial 181
Teaching rounds--rheumatology, Grady Memorial Hospital 178
Teaching rounds--rheumatology, Veterans Administration/ 177
Teaching self care skills/ 096
Teaching social skills and assisting in the social adj 472
Team approach to rehabilitation for nurses/ 265
technician training/Inhalation therapy 421
Techniques of communicating with deaf persons/ 370
Techniques of communicating with deaf persons/ 380
The role and significance of interpersonal skills as i 329
The trainer as an agent of change/ 356
Theory and practice: biokinetics laboratory research/ 235
theory in health care/Management 152
theory into practice/Workshop - translating 129
therapeutic exercise/Physiological correlates of 388
therapeutic relationship/Dynamics of the 317
therapeutic techniques/Scientific basis for 131
therapists and nurses/Clinical training for graduate 035
Three week seminar in physical rehabilitation methods 039
Tongue thrust therapy/ 420
traffic safety education for the physically handicappe 057

trainer as an agent of change/The 356
trainers/Interpersonal skills for 323
trainers/Interpersonal skills training for 315
Training externship for VR personnel in Region VI/ 112
Training in pediatric rehabilitation - Elizabethtown S 250
Training in psychosomatic medicine/ 264
Training in rehabilitation medicine for physicians ass 199
Training of clinical, counseling, school and research 005
Training program for junior physical therapy students/ 276
Training program for physical therapy students/ 287
Training program in adolescent psychiatry for vocation 258
Training the mentally retarded for service jobs in the 475

Undergraduate clinical experience in human services/ 428
Undergraduate curriculum in occupational therapy/ 092
Undergraduate curriculum in physical therapy/ 094
Undergraduate curriculum in prosthetics orthotics/ 093
undergraduate occupational therapy students/Affiliatio 012
Undergraduate medical clerkship in physical medicine a 227
Undergraduate medical traineeship/ 159
undergraduate students/Experiential program in health 438
University courses/ 347
Utilization of supportive personnel/ 462

vascular disease for podiatrists/Seminar in peripheral 246
Video tape materials on comprehensive rehabilitation c 393
Videotape materials on comprehensive rehabilitative ca 394
Video tapes of group rehabilitation counseling/ 224
vision/Visual aids for subnormal 261
visiting nurses/Rehabilitation nursing for public heal 406
visiting scientists/Postdoctoral 172
visits/Departmental observers and professional group 020
Visual aids for subnormal vision/ 261
Vocational adjustment of the mentally retarded through 307
vocational aspects of rehabilitation/Medical psycholog 055
Vocational counselor interships/ 069
Vocational counselor training program/ 251
vocational counselors/Training program in adolescent p 258
vocational educational employment problems and program 051
Vocational rehabilitation/ 344
vocational rehabilitation client/Rehabilitation counse 342
Vocational rehabilitation counseling internship/ 430
Vocational rehabilitation counseling practicum/ 429
vocational rehabilitation counseling/Practicum in 078
Vocational rehabilitation counseling seminar on gastro 437
Vocational rehabilitation counselor seminar on mental 432
Vocational rehabilitation counselor seminar on pulmona 433
Vocational rehabilitation counselor seminar on spinal 431
Vocational rehabilitation counselors seminar on cardio 434
Vocational rehabilitation counselors seminar on prosth 435
vocational rehabilitation) in-service training program 318
vocational rehabilitation/Introduction to principles a 054
vocational rehabilitation/Medical factors in 085
vocational rehabilitation of the mentally retarded/The 365
vocational rehabilitation personnel/Development of aud 354
Vocational rehabilitation seminar on drug abuse/ 436
vocational training program/Work adjustment and 164
Voice and diction/ 297

Volunteers training/ 424
VR personnel in Region VI/Training externship for 112

welfare/Rehabilitation methods in social 088
welfare specialist in the rehabilitation of the mental 366
Work adjustment and vocational training program/ 164
work & training program for disadvantaged and disabled 285
Work evaluation assessment and monitoring the performa 478
work evaluation/Workshops in 479
work placement in rehabilitation counseling/Field 053
work program/Cooperative education and 007
work study program for economically disadvantaged and 056
work/Vocational adjustment of the mentally retarded th 307
Workman's compensation seminar/ 089
workshop/Advanced psychosocial counseling 335
Workshop for animal technician training/ 236
workshop for rehabilitation counselors/Interpersonal s 350
Workshop for training for physical therapists in appli 128
Workshop in clinical hypnosis/ 045
workshop in treatment techniques for sensorimotor dysf 242
Workshop on medical writing/ 382
Workshop on principles and methods of clinical researc 383
workshop/Regional training 327
workshop/Splinting 409
Workshop - translating theory into practice/ 129
Workshops in work evaluation/ 479
workshops/Management 185
work study program for graduate students in social wor 043
Work-study program for high school students/ 232
work-study program in comprehensive rehabilitative car 392
writing/Workshop on medical 382

youth in rehabilitation and other health settings/Summ 285
youths/Summer employment program for economically disa 330

RESEARCH AND TRAINING CENTERS

RT-1 NEW YORK UNIVERSITY (16-P-56801)
Medical Rehabilitation R&T Center, 400 East 34th Street, New York,
New York 10016 Director of Training: Joseph Goodgold, M.D.

RT-2 UNIVERSITY OF MINNESOTA (16-P-56810)
Medical Rehabilitation R&T Center, 860 Mayo Building, Minneapolis,
Minnesota 55455 Director of Training: Frederic Kottke, M.D.

RT-3 UNIVERSITY OF WASHINGTON (16-P-56818)
Medical Rehabilitation R&T Center, 15th Avenue, N.E., Seattle,
Washington 98105 Director of Training: Walter C. Stolov, M.D.

RT-4 BAYLOR UNIVERSITY (16-P-56813)
Medical Rehabilitation R&T Center, 1333 Moursund Avenue, Houston,
Texas 77025 Director of Training: Lewis A. Leavitt, M.D.

RT-6 EMORY UNIVERSITY (16-P-56808)
Medical Rehabilitation R&T Center, 80 Butler Street, N.E., Atlanta,
Georgia 30303 Director of Training: Samuel B. Chyatte, M.D.

RT-7 TUFTS UNIVERSITY (16-P-56800)
Medical Rehabilitation R&T Center, 171 Harrison Avenue, Boston,
Massachusetts 02111 Director of Training: Carl V. Granger, M.D.

RT-8 TEMPLE UNIVERSITY (16-P-56804)
Medical Rehabilitation R&T Center, 3400 N. Broad Street, Philadelphia,
Pennsylvania 19122 Director of Training: Martin Leshner, Ph.D.

RT-9 THE GEORGE WASHINGTON UNIVERSITY (16-P-56803)
Medical Rehabilitation R&T Center, Medical Center, 2150 Pennsylvania
Avenue, N.W., Washington, D.C. 20037 Director of Training:
Mahmoud Mourad, M.D.

RT-10 UNIVERSITY OF COLORADO (16-P-56815)
Medical Rehabilitation R&T Center, 4200 E. Ninth Avenue, Denver,
Colorado 80220 Director of Training: Frank Cenkovich, M.D.

RT-11 UNIVERSITY OF WISCONSIN (16-P-56811)
Mental Retardation R&T Center, 415 W. Gilman Street, Madison,
Wisconsin 57306 Director of Training: Patrick J. Flanigan, Ph.D.

RT-13 UNIVERSITY OF ARKANSAS (16-P-56812)
Mental Retardation R&T Center, 346 N. West Avenue, Fayette,
Arkansas 72701 Director of Training: C. Leon Thornton, M.S.E.

RT-15 UNIVERSITY OF WEST VIRGINIA (16-P-56806)
Vocational Rehabilitation R&T Center, Institute, West Virginia 25112
Director of Training: Paul A. Leary, Ph.D.

RT-16 UNIVERSITY OF OREGON (16-P-56817)
Mental Retardation R&T Center, 306 Clinical Services Building, Eugene,
Oregon 97403 Director of Training: Philip Browning, Ph.D.

RT-17 NEW YORK UNIVERSITY (16-P-56802)
Deafness Rehabilitation R&T Center, 80 Washington Square, New York, New York 10003 Director of Training: Doris W. Naiman, Ph.D.

RT-18 UNIVERSITY OF SOUTHERN CALIFORNIA (16-P-56816)
Medical Rehabilitation R&T Center, 1739 Griffin Avenue, Los Angeles, California 90031 Director of Training: Charlotte V. Taylor, M.S.

RT-19 UNIVERSITY OF ALABAMA (16-P-56807)
Medical Rehabilitation R&T Center, 1717 Sixth Avenue, South, Birmingham, Alabama 35233 Director of Training: Don Patrick, M.D.

RT-20 NORTHWESTERN UNIVERSITY (16-P-56809)
Medical Rehabilitation R&T Center, 401 East Ohio Street, Chicago, Illinois 60611 Director of Training: Don A. Olson, Ph.D.

RT-21 TEXAS TECH UNIVERSITY
Rehabilitation Counselor Training, P.O. Box 4100, Lubbock, Texas 79409 Project Director: Gerard J. Bensberg, Ph.D.

RT-22 UNIVERSITY OF WISCONSIN-STOUT
Menomonie, Wisconsin 54751 Project Director: Paul R. Hoffman, Ed.D.

ERIC Clearinghouse
OCT 19 1972
on Adult Education

DISCRIMINATION PROHIBITED–Title VI of the Civil Rights Act of 1964 states: "No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subject to discrimination under any program or activity receiving Federal financial assistance." This publication has been prepared in compliance with this law.

292